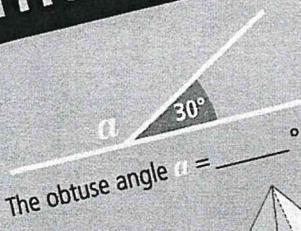


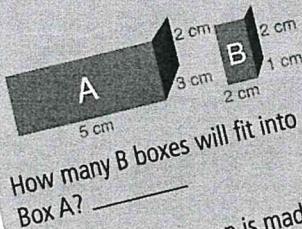
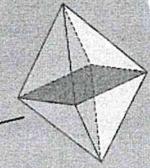
Mental Maths

THURSDAY



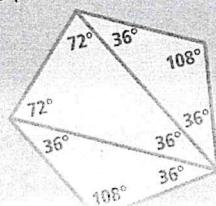
The obtuse angle $a =$ _____.

Name this shape.

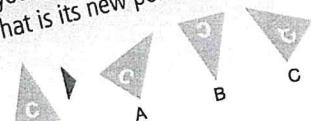


How many B boxes will fit into Box A? _____

This regular pentagon is made up of 3
 scalene triangles.
 isosceles triangles.
 equilateral triangles.



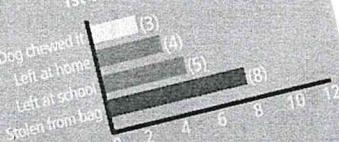
If you turn the triangle 180° , what is its new position?



PROBLEM-SOLVING

MONDAY

6th Class Homework Excuses for
1st Week of October

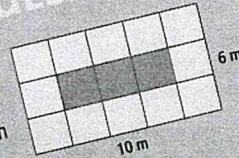


What was the fraction of homework stolen? _____

What fraction either left their homework at school or at home?

TUESDAY

paving
garden



_____ = _____ m^2

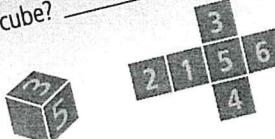
WEDNESDAY

How many cupfuls?
 100 ml
 250 ml

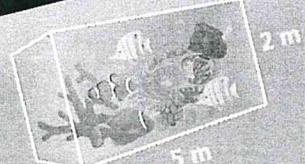


THURSDAY

Look at the net. Which number is missing from the blank face of the cube?



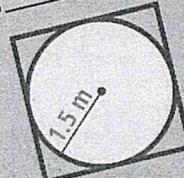
FRIDAY REVIEW



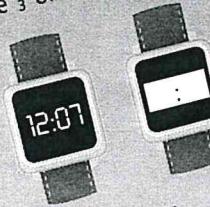
What is the volume of the fish tank? _____ m^3

There are 3 fish per cubic metre. How many fish are there?

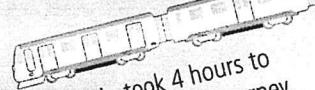
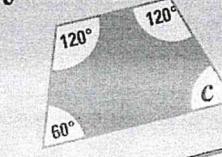
The length of one side of this square is _____ m.



The time $\frac{2}{3}$ of an hour before was:



Angle $c =$ _____.



A fast train took 4 hours to complete its 800 km journey. Its average speed was _____ km/h.

REVISED EDITION

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NEW WAVE MENTAL MATHS (6th Class Book) – Answers

WEEK 1 pages 2–4				
Monday	13. 20.00 14. 2.004 15. 100,000 16. 32.8 17. 6 18. 4 in 20 (1 in 5) 19. 24 20. 36	15. 25 16. 7 17. rhombus 18. 99,900 19. 6, 12, 8 20. $\frac{3}{4}$ 21. +1 hour 22. 20 23. 1,000 24. 2,000 25. 8	Wednesday	1. 10 2. 4.13 3. 1,000,101 4. 110,000 5. 90° 6. True 7. 60 8. 5.9 9. hundred thousand 10. 850 11. 32 12. $\frac{3}{5}$ 13. 2.1
Tuesday	1. 3.4 2. $\frac{6}{4} = 1\frac{1}{2}$ 3. 3 4. 5 5. 24, 12 6. 5, 9, 6 7. 50 8. 27 9. 3 10. +1 hour 11. –6 12. 60,000 13. 1×3 14. $\frac{1}{3}$ 15. 25 16. 1, 2, 3 and 6 17. 20 18. 1,000,100 19. 7 r 3 20. 0.0430	Monday	1. 14 r 9 2. 7.5 3. cylinder, 150 4. 7.5 5. hundred thousand 6. 50 7. 1,101,000 8. 1.85 9. 180° 10. $\frac{2}{3}$ 11. –5 12. 6.1 13. tetrahedron 14. 15 15. 4 16. 10 17. 35 18. 4 19. False 20. +2 hours	Friday Review
Wednesday	1. 8.1 2. +1 hour 3. 3 4. 5 cm 5. 9 6. 72 7. 45 8. 6, 12, 8 9. 20 10. 21 11. $\frac{3}{4}$ 12. 50 13. 800,000 14. pentagon 15. 1,000,001 16. 21 17. 3 18. Teacher check 19. Teacher check 20. Teacher check	Tuesday	1. 10 2. 10 3. 150 4. 12, 14, 15, 16, 18 and 20 5. 12 6. +4 7. 8 8. triangular prism 9. $\frac{5}{10} = \frac{1}{2}$ 10. 0.88 or $\frac{88}{100}$ 11. +3 hours 12. $\frac{3}{4}$ 13. 36 14. \square 15. $\frac{3}{9}$ 16. 6 in 10 (3 in 5) 17. 130,000 18. 5.3 19. 1,300,00 20. 10	1. 0.002 2. 8.6 3. 13 r 6 4. triangular prism 5. –3 6. cylinder 7. 10 8. 30 9. +2 hours 10. 70 11. 750 12. 720,000 13. 24 14. \square 15. 8 16. 10 17. 4 18. 1,100,000 19. $\frac{4}{5}$ 20. 950 21. octagon, 120 22. 6.7 23. 20 24. 4 in 20 (1 in 5) 25. hundred thousands
Thursday	1. 5.8 2. 1,000,010 3. 11 4. 3 5. 7 6. 90° 7. 15 8. 41 9. 4 10. –5 11. 16 12. cuboid 13. 30 14. $\frac{6}{4} = 1\frac{1}{2}$	Tuesday	Problem-solving	WEEK 2 pages 5–7
Friday Review	10. 3 11. 40 12. $\frac{2}{3}$ 13. 800 14. triangular prism 15. 6 16. 5 17. 2.35 18. 6, 12, 8 19. 10 20. 1	Wednesday	1. 250 2. Teacher check 3. 250 4. 1,000,010 5. 5.7 6. 4, 6, 8, 9 and 10 7. 2100 8. 35 9. 8 10. 14 11. $\frac{2}{3}$ 12. 90°	Monday
		Thursday	1. 90 2. 40 3. (a) ✗ (b) ✓ (c) ✓ (d) ✗ 2. 40	1. 99 2. $\frac{11}{5} = 2\frac{1}{5}$ 3. 45° 4. 100,000 5. 1,001,010 6. 32 7. 1,000,000 8. 1, 2, 4 and 8 9. 1:100 10. 7 m 11. False 12. $\frac{2}{5}$ 13. 9.9 14. +6 15. 10 16. 17.2 17. 8 18. 23 19. 6.1 20. +1 hour
		Friday	1. $\frac{3}{4}$ 2. Teacher check	Tuesday
			Wednesday	1. 77 2. 40 3. $\frac{7}{5} = 1\frac{2}{5}$ 4. 29 5. 4.95 6. 42 7. 4

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

				WEEK 5 pages 14–16
				Monday
8. 1.002	Problem-solving	16. cuboid	7. 20	1. 1, 3, 5 and 15
9. 27	Monday	17. 18	8. 50	2. Teacher check
10. 3,000,000	1. Teacher check	18. no	9. c	3. 23
11. 4, 6, 4	2. $210 \div 10 = 21$	19. octahedron	10. isosceles triangles	4. 75
12. 14 r 3	Tuesday	20. $10 \times 10 \times 10 \times 10 = 10,000$	11. 1 in 7	5. B
13. 33	1. 8	Tuesday	12. $5\frac{3}{5}$	6. 9.92
14. 180	2. 120	1. 23 and 29	13. yes	7. $(6 \times 3) + (8 \div 2) = 22$
15. 20	Wednesday	2. $\frac{2}{8}$	14. 100,000	8. 4.08
16. 1,000,000	1. 250	3. $4\frac{2}{4}$ (or $4\frac{1}{2}$)	15. 1,101,001	9. 
17. 261	2. $32 \times 10 = 320$	4. 150	16. $\frac{1}{2}$	10. $\frac{1}{4}$
18. 6.1	Thursday	5. +3	17. 1:4	11. 10,000
19. 9	1. 33,000	6. 1,110,000	18. 16	12. 10 in 20 (1 in 2)
20. 45	2. 8	7. 7.1	19. 75	13. 8
Wednesday		8. 540	20. 3, 3.02	14. octagon
1. 81	1. 100	9. True	Problem-solving	15. hundredths
2. 2 in 20 (1 in 10)	2. 20	10. 70,000	Monday	16. 1,000,000
3. 1, 3 and 9	3. $\frac{7}{5} = 1\frac{2}{5}$	11. 1,000,000	Tuesday	17. 270
4. 90	4. 4.98	12. circumference	1. 11	18. $\frac{9}{12}$
5. $\frac{3}{4}$	5. 8	13. isosceles	2. 7,500	19. Teacher check
6. $\frac{5}{6}$	6. 1, 2, 5 and 10	14. 18	Wednesday	20. 30,000
7. -4	7. 32	15. 1:2	1. $\frac{3}{7}$	Tuesday
8. 90°	8. 7.1	16. 9	2. 0.25	1. 1, 2, 4, 8 and 16
9. 950	9. $\frac{1}{3}$	17. 5.25	Thursday	2. +8 hours
10. 110,000	10. 1:100	18. 4	1. $a 72^\circ + 36^\circ = 108^\circ$	3. $\frac{1}{6}$
11. 1:100	11. -3	19. 9	b $72^\circ + 36^\circ = 108^\circ$	4. 20
12. 5, 8, 5	12. 1,100,000	20. $(3 \times 8) - (5 \times 2) = 14$	2. $c 36^\circ + 36^\circ + 36^\circ = 108^\circ$	5. 23,000
13. 80	13. 24	Wednesday	Friday Review	6. 0.96
14. 61	14. 72	1. 12, 14, 15, 16, 18 and 20	1. 23 and 29	7. $\frac{1}{8}$
15. 3	15. 270	2. 90	2. 51	8. 27
16. 27	16. +1 hour	3. $\frac{1}{3}$	3. 350	9. Teacher check
17. 2.95	17. 60	4. 202,053	4. octahedron	10. $6\frac{3}{10}$
18. 10	18. 20	5. 1:100	5. 50,000	11. 4, 6, 4
19. 20.5	19. 1,001,011	6. 9	6. 10	12. trapezium
20. 15	20. 2.95	7. 63	7. True	13. 5:1
Thursday		8. 1, 2, 3, 4, 6 and 12	8. 45	14. 10
1. 49	21. Teacher check	9. Teacher check	9. 12	15. 100,000
2. 1:100	22. millions	10. 1,100,000	10. 10	16. 750
3. Teacher check	23. 180	11. $3\frac{3}{5}$	11. False	17. 20
4. Teacher check	24. 15	12. 10	12. 40	18. 2.04
5. Teacher check	25. 232	13. 26,000	13. 1, 2, 7 and 14	19. 10
6. 80	WEEK 4 pages 11–13		14. 12	20. 90
7. 2.95	Monday	14. 132	Wednesday	1. 100,000
8. 32	1. 11, 13, 17 and 19	15. 100,000	2. 0.05	2. 0.05
9. 1,100,000	2. $\frac{4}{5}$	16. 1.06	3. $\frac{5}{6}$	3. $\frac{5}{6}$
10. cone	3. 2:1	17. 1	4. 100,000	4. 100,000
11. 30 r 7	4. 1,500	18. pentagonal prism	5. 30	5. 30
12. 22	5. $(6 \times 4) + (3 \div 3) = 25$	19. 1.1	6. 20	6. 20
13. 0.004	6. 2.93	20. 6	7. 1,650	7. 1,650
14. 270	7. 9.8	Thursday	8. 	8. 
15. 0000	8. 10	1. 21, 22, 24, 25, 26, 27, 28 and 30	9. $33\frac{1}{3}\%$	9. $33\frac{1}{3}\%$
16. 25	9. 100,000	2. $\frac{6}{9}$	10. 12	10. 12
17. 1,001,101	10. +6 hours	3. 50	11. 8	11. 8
18. 4.12	11. 7.9	4. 100		
19. 1.8	12. 60	5. 12		
20. 24	13. 10	6. -4		
	14. 351			
	15. 1.0			

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

<p>12. 2 13. $4\frac{5}{10}$ 14. 136 15. 8,295 16. 9.34 a.m. 17. $(9 \times 3) - (8 \div 2) = 18$ 18. 6, 12, 8 19. 88, 104 20. 1,001,111</p> <p>Thursday</p> <p>1. 200,000 2. 9 3. 180 4. 200 5. hexagonal prism 6. $\frac{3}{4}$ 7. 108 8. Teacher check 9. 38 10. 12 11. $\frac{2}{5}$ 12. 0.5 13. $5\frac{5}{10} (5\frac{1}{2})$ 14. 8 15. $\frac{1}{2}$ 16. 1.91 17. 9 18. 80 19. 7.169 20. 5</p> <p>Problem-solving</p> <p>Monday</p> <p>1. $\frac{2}{5}$ 2. $\frac{9}{20}$</p> <p>Tuesday</p> <p>1. 201 2. 15</p> <p>Wednesday</p> <p>1. 6,150 2. €2, 50c, 20c, 20c</p> <p>Thursday</p> <p>1. Teacher check 2. 40</p> <p>Friday Review</p> <p>1. 1, 3, 7 and 21 2. 225 3. 1,001,001 4. 7,355 5. 7 6.  7. 24,000 8. 21 9. 20 10. 15 cm 11. $\frac{1}{4}$ 12. 8</p>	<p>13. 300,000 14. 12 15. $(8 \times 3) - (45 \div 9) = 19$ 16. 128 17. 4 18. $4\frac{6}{10} (4\frac{3}{5})$ 19. 12 20. 42, 56 21. 16 22. 8.95 23. 6.28 24. 100,000 25. -3</p>	<p>Wednesday</p> <p>1. 3 2. 28 3. 0.22, 0.2, 0.02 4. 150 5. 2:1 6. 29 7. $\frac{7}{8}$ 8.  9. 27 10. 500 11. 0.06 12. hexagonal prism 13. 6 14. 26 15. $7\frac{2}{3}$ 16. 110 17. cube 18. 20 19. 6 20. 20%</p>	<p>Friday Review</p> <p>1. 4 2. 0.05, 0.5, 0.75 3. 1:2 4. 8 5. 250 6. 11 7. 42 8. 8.99 9. 100,000 10. 12 11. 61 12. 0040 13. False 14. $\frac{8}{10}, \frac{1}{2}, \frac{2}{5}$ 15. 1.6 16. 90 17. 0.387 18. 3.85 19. 3 20. 40 21. Teacher check 22. $10\frac{2}{8} (10\frac{1}{4})$ 23. cube 24. 375 25. 300</p>

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

Problem-solving	14. 121	5. 111,233	WEEK 9 pages 26–28	12. Teacher check	
	15. 243	6. 9.05	Monday	13. no	
Monday	16. 600	7. 0.05		14. 144	
	17. 24	8. 15		15. 3	
Tuesday	18. 200	9. 144		16. 48	
	19. 720	10. 110		17. 27	
Wednesday	20. 120	11. 8.012		18. 8	
		12. 250		19. 15	
Tuesday		13. 12,500,000		20. 8.0	
1. D	1. $\frac{9}{2}$	14. 10	Thursday		
2. Teacher check	2. 270	15. 75		1. $1\frac{3}{4}$	
Thursday		16. 801		2. 0.03	
1. 600	3. 0.007, 0.07, 0.7	17. 15.02		3. parallelogram	
2. 91	4. 90	18. 7, 15, 10		4. 4	
Friday Review		19. 4.2		5. 6	
1. 10	6. $4\frac{2}{5}$	20. 20 or 2		6. cuboid	
2. 0.005, 0.05, 0.5	7. 0.5			7. 800	
3. 2.06	8.			8. 16	
4. 3.0	9. 3			9. 5.6	
5. 9	10. rhombus			10. 0.5, 0.55, 1.5	
6. 12	11. 1,000,111			11. 0.4	
7. 45	12. 60			12. 10,000	
8. 1,000,110	13. 80			13. $9\frac{3}{7}$	
9. 42	14. 3.004			14. 3:1	
10. A	15. 5, 9, 6			15. 75	
11. 12	16. 41, 43			16. 75	
12. 9	17. Teacher check			17. equilateral triangle	
13. $\frac{9}{10}$	18. yes			18. True	
14. 15,000	19. 12			19. 5.5	
15.	20. 4			20. 18	
Wednesday		Friday Review		Problem-solving	
16. 2352	1. $\frac{10}{3}$	1. $\frac{8}{3}$	Monday	1. 1,000	
17. 8	2. 160	2. 9.08		2. A 60	
18. 40	3. 5	3. 150		B 360	
19. 29	4. 9.02	4. octahedron	Tuesday	1. 8 1 6	
20. $(7 \times 8) \div (4 \times 2) = 7$	5. 16	5. 900		3 5 7	
21. 600	6. 0.01	6. 1,000		4 9 2	
22. square-based pyramid	7. $6\frac{4}{10} (6\frac{2}{5})$	7. 8		2. 2 7 6	
23. A = 850	8. 25	8. 10		9 5 1	
B = 1,150	9. $\frac{3}{5}$	9. 3.0		4 3 8	
24. 0.07	10. $\frac{2}{6}, \frac{1}{2}, \frac{6}{8}$	10. 6	Wednesday	Wednesday	
25. 22	11. 0.90	11. 0.1		1. 120	
WEEK 8 pages 23–25		12. 1,250,000		2. Teacher check	
Monday		13. 200		Thursdays	
1. $\frac{9}{4}$	14. $a = 30$	14. 70		1. 40	
2. 0.08	b = 30	15. 12		2. $a = 60$	
3. 180	c = 30	16. 12,033		b = 105	
4. 10	15. 8	17. 50	Friday Review		
5. $2\frac{2}{3}$	16. 180	18. $4\frac{3}{5}$		1. $2\frac{1}{4}$	
6. 500	17. 5	19. 800		2. 8	
7. 0.1	18. +8 hours	20. $\frac{6}{10} (\frac{3}{5})$		3. 32	
8. 45	19. 3:1	21. 720		4. 0.7	
9. 6	20. 1 in 6	22. 4 in 52		5. 60	
10. 13	Thursday			6. 260	
11. 17	1. $\frac{11}{4}$	23. 120		7. 5,640	
12. cone	2. 0.44, 0.04, 0.004	24. $9\frac{6}{10} (9\frac{3}{5})$		8. 33	
13. 250	3. octahedron	25. 72			
	4. millions				

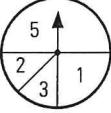
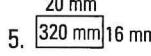
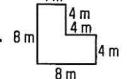
NEW WAVE MENTAL MATHS (6th Class Book) – Answers

9. cylinder	16. 750	Thursday	5. 6	Problem-solving
	17. 23.9	1. 125	6. 104	Monday
10. $\frac{5}{8}$	18. -2, 0	2. 5	7. 27	
	19. 1.6	Friday Review	8. 24	
11. 36	20. $\frac{13}{3}$	1. 0.25, 25	9. 20	
	Wednesday	2. $\frac{1}{4}$	10. 45	
12. 100	1. 0.125, 12 $\frac{1}{2}$	3. 6	11. 4.05, 4.5, 4.55	
	2. thousandths	4. 9	12. 200	
13. 0.75	3. 8	5. 0.4	13. 90	Tuesday
	4. 6	6. 2.5	14. 5.3	
14. 12 $\frac{4}{7}$	5. 0.11, 0.1, 0.01	7. 2.8	15. 3, 11	
	6. 92	8. 8	16. 4	
15. $\frac{8}{3}$	7. 4.08	9. 1.5	17. 2	
	8. 400	10. $3\frac{1}{3}$	18. $\frac{4}{3} = 1\frac{1}{3}$	
16. 	9. 15	11. 60	19. 42, 48, 54	
	10. 60	12. 7.5	20. 1:4	
17. 10	11. 1,950	13. 4.4	Wednesday	
	12. 270	14. 500	1. 560,440	
18. 0.04, 0.44, 1.4	13. 2.45	15. 36	2. 29	
	14. 5	16. 7.4	3. $\frac{10}{3}$	
19. octahedron	15. 0.15	17. 20	4. 202,000	
	16. 40	18. 50	5. 14	
20. 12	17. 16	19. 2, 3, 6, 9	6. 18	
	18. 20	20. 270	7. 27	
21. 3	19. 1,000,000	21. B	8. 12	
	20. A	22. 0.09, 0.9, 1.9	9. 0.7	
22. trapezium	23. $\frac{6}{12} (\frac{1}{2})$	23. $\frac{6}{12} (\frac{1}{2})$	10. 9	
	24. 200	24. 200	11. 90	
23. 120	25. -5 hours	Wednesday	12. 1, 3, 7 and 21	
	Thursday	1. 560,440	13. 5, 7	
24. 4:1	1. 4, 8	2. 29	14. 330,000	
	2. 10	3. $\frac{10}{3}$	15. 6	
25. 750	3. 8	4. 202,000	16. 90	
	4. 5	5. 14	17. +3	
WEEK 10 pages 29–31	5. 12.3	6. 18	18. -18	
	6. $\frac{3}{4}$	7. 27	19. 1:3	
Monday	7. 0.2	8. 12	20. 10	
	8. 2	9. 0.7	21. 4	
1. 0.5, 50	9. 5.1	10. 9	22. A	
	10. 180	11. 90	23. 20	
2. 4	11. 5.5 cm	12. 1, 3, 7 and 21	24. 2	
	12. -5 hours	13. 30	25. 120	
3. 2	13. 1.5	14. irregular octagon	Wednesday	
	14. 1, 2, 4, 8, 16 and 32	15. 2.4	1. 23,050	
4. 16	15. cylinder	16. 16	2. +1	
	16. 25	17. 1 in 6	3. Teacher check	
5. 0.7	17. True	18. 2, 7	4. 4	
	18. 180	19. 40	5. 50%, 25%, 20%	
6. 10	19. $66\frac{2}{3}$	20. Teacher check	6. $1\frac{3}{4}$	
	20. $\frac{8}{3}$	Thursday	7. 4	
7. 100	Problem-solving	1. 23,050	8. 60	
	Monday	2. +1	9. 5	
8. octagon	1. D	3. Teacher check	10. 180	
	2. E	4. 4	11. 120	
9. 4 in 20 (1 in 5)	Tuesday	5. 50%, 25%, 20%	12. 2.5, 2.05, 2.005	
	1. 7,000	13. 50	13. 50	
10. 0.2	2. 5,500	14. 600	14. 600	
	Wednesday	15. 10.7	15. 10.7	
11. $\frac{1}{4}$	1. 157	16. $\frac{9}{10}, \frac{1}{2}, \frac{1}{5}$	16. $\frac{9}{10}, \frac{1}{2}, \frac{1}{5}$	
	2. (b)	17. 8	17. 8	
12. 5.4		18. 70	18. 70	
		19. $3\frac{2}{5}$	19. $3\frac{2}{5}$	
13. 		20. 10	20. 10	
		Wednesday	Wednesday	
14. 0.08, 0.8, 8.8		1. 0.25	1. 0.25	
		2. 23,900	2. 23,900	
15. 8		3. -2	3. -2	
		4. +5 hours	4. +5 hours	
WEEK 11 pages 32–34		5. 180	5. 180	
		6. Teacher check	6. Teacher check	
Monday		7. 1	7. 1	
		8. 1:3	8. 1:3	
Tuesday		9. Teacher check	9. Teacher check	
		10. 70	10. 70	
Wednesday		11. 10	11. 10	
		12. 20	12. 20	
Thursday		13. 10,000	13. 10,000	
		14. 40	14. 40	
Friday		15. 10	15. 10	
		16. $3\frac{2}{5}$	16. $3\frac{2}{5}$	
WEEK 12 pages 35–37		Wednesday	Wednesday	
		1. 0.25	1. 0.25	
Monday		2. 23,900	2. 23,900	
		3. -2	3. -2	
Tuesday		4. +5 hours	4. +5 hours	
		5. 180	5. 180	
Wednesday		6. Teacher check	6. Teacher check	
		7. 1	7. 1	
Thursday		8. 1:3	8. 1:3	
		9. Teacher check	9. Teacher check	
Friday		10. 70	10. 70	
		11. 10	11. 10	
Saturday		12. 20	12. 20	
		13. 10,000	13. 10,000	
Sunday		14. 40	14. 40	
		15. 10	15. 10	
Monday		16. $3\frac{2}{5}$	16. $3\frac{2}{5}$	

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

17. 28 18. 26 19. 9 20. 20	8. Teacher check 9. 11 10. 20 11. even 12. 60 13. 120 14. a ruler 2. 5 3. 360 4. A = 45 B = 135 C = 225 D = 315 5. $\frac{31}{3}$ 6. 1,000,000 7. 1:3 8. 180 9. 70 10. 12 11. 0.43 12. nonagon 13. 2%, 20%, 45% 14. 50 15. 8 16. 16 17. 5.9 18. 6 p.m. 19. 13 20. 985,410	8. Teacher check 9. 11 10. 20 11. even 12. 60 13. 120 14. C 15. 18 16. 22 17. 2, 13 18. 10,000 19. 6:1 20. 1:100	WEEK 13 pages 38–40	14. $\frac{4}{10}$ 15. 77 16.  1. 6 2. heads and tails 3. 10 4. 102,255 5. 6.07 6. subtract 10 7. 1 8. 0.10 9. Teacher check 10. 15 11. 5,050 12. $\frac{11}{3}$ 13. 3 14. trundle wheel 15. False 16. 5,000 17. 4 18. $\frac{1}{8}$ 19. 25 20. 2 21. 0.333 22. 36 23. $\frac{1}{3}$ 24. 5.53 25. 111,011 26. +3 27. 2 28. Teacher check 29. 550 30. 10 31. add 6 32. $5\frac{1}{3}$ 33. True 34. 9 35. Teacher check 36. 7%, 57%, 75% 37. 40, 40 38. 100,000 39. 75 40. 165,000	15. +3 16. Teacher check 17. 16 18. $5\frac{2}{3}$ 19. True 20. 4.07 21. 800 22. 3,885 23. 20 24. Teacher check 25. 10
Tuesday	Problem-solving	Monday	Thursday	WEEK 14 pages 41–43	Monday
1. 700 2. 1,200	Tuesday	Tuesday	Wednesday	Problem-solving	Monday
1. 500 2. a,b d,c	Wednesday	Wednesday	Thursday	Tuesday	Tuesday
1. Teacher check 2. $\frac{5}{12}$	Thursday	Thursday	Friday Review	Wednesday	Wednesday
1. 300 2. 4	Friday Review	Friday Review	Wednesday	Thursday	Thursday
Wednesday	Wednesday	Wednesday	Wednesday	Friday Review	Friday Review
1. 4 2. 10 3. 5 4. Teacher check 5. 4.15 p.m.	Wednesday	Wednesday	Wednesday	Wednesday	Wednesday
6. 75 7. $\frac{11}{3}$ 8. 30 9. add 9 10. 14 11. even 12. 12 13. 6,000 14. A 15. 180 16. 100,000 17. 57,025 18. 6 19. 0.25 20. < 21. 6 22. 14 23. Teacher check 24. Teacher check 25. -1	Wednesday	Wednesday	Wednesday	Wednesday	Wednesday
1. 8 2. 3 3. 160 4. 7.25 5. 360 6. 85 7. 140 8. $\frac{11}{2}$ 9. 2,088 10. 10 11. 16 12. 2 13. 10.20 a.m.	Wednesday	Wednesday	Wednesday	Wednesday	Wednesday
14. 9 15. Teacher check 16. 7%, 57%, 75% 17. 40, 40 18. 100,000 19. 75 20. 165,000	Wednesday	Wednesday	Wednesday	Wednesday	Wednesday
1. 2 2. Teacher check 3. 4 4. 0 5. 5.15 p.m. 6. 1,000,010 7. 90	Thursday	Thursday	Thursday	Thursday	Thursday
14. $\frac{4}{10}$ 15. 77 16.  1. 6 2. heads and tails 3. 10 4. 102,255 5. 6.07 6. subtract 10 7. 1 8. 0.10 9. Teacher check 10. 15 11. 5,050 12. $\frac{11}{3}$ 13. 3 14. trundle wheel 15. False 16. 5,000 17. 4 18. $\frac{1}{8}$ 19. 25 20. 2 21. 0.333 22. 36 23. $\frac{1}{3}$ 24. 5.53 25. 111,011 26. +3 27. 2 28. Teacher check 29. 550 30. 10 31. add 6 32. $5\frac{1}{3}$ 33. True 34. 9 35. Teacher check 36. 7%, 57%, 75% 37. 40, 40 38. 100,000 39. 75 40. 165,000	Thursday	Thursday	Thursday	Thursday	Thursday
15. +3 16. Teacher check 17. 16 18. $5\frac{2}{3}$ 19. True 20. 4.07 21. 800 22. 3,885 23. 20 24. Teacher check 25. 10	Thursday	Thursday	Thursday	Thursday	Thursday
1. 4 2. $\frac{1}{2}$ 3. Teacher check 4. 2,800 5. 1 6. 2.4 7. 5 8. 12 9. 1:3 10. 3, 2, 1 11. 233 12. $19\frac{1}{3}$ 13. subtract 9 14. True 15. $\frac{1}{2}$ 16. 91×9 36 $\times 9$ 47 $\times 9$	Friday Review	Friday Review	Friday Review	Friday Review	Friday Review
1. 2 2. 9 3. 1 4. 9.5 5. 12.10 p.m. 20. 5	Friday Review	Friday Review	Friday Review	Friday Review	Friday Review
1. 7.75 2. 35 3. False 4. 30 5. HH, TT, HT, TH 6. 10% of 80 7. 505 8. A 9. 9.54 10. Teacher check 11. 2 12. 91×9 36 $\times 9$ 47 $\times 9$	Friday Review	Friday Review	Friday Review	Friday Review	Friday Review

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

20. 54 Wednesday 1. 8.4 2. 10% of 70 3. 17 4. 925 5. Teacher check 6. 4 7. add 2 8. 80 9. 12.08 10. 140×7 1,218 174×7 980 153×7 1,071 11. 12 12. 36 13. 13 14. $\frac{1}{2}$ 15. 1 16. 68 17. $\frac{5}{6}$ 18. 110 19. 16 20. False Thursday 1. 19.5 2. 72 3. 12.30 a.m. 4. True 5. 26 6. 26 7. 6 8. 3.303 9. 1% of 100 10. Teacher check 11. 4 12. True 13. 4 14. 0.870 15. 10,000,000 16. 5.95 17. 64 18. 24 19. 20 20. chilli Problem-solving Monday 1.  2. $x = 9$ $y = 1$ $z = 0$ Tuesday 1. 45 2. C Wednesday 1. 12 2. 240	Thursday 1. 6 and 9 2. 9 Friday Review 1. 6.75 2. 5 3. 600 4. 20% of 50 5.  6. 4 7. 11 8. 64,000 9. 4.50 10. 345 11. 32 12. subtract 0.2 13. $\frac{1}{4}$ 14. 75 15. 55 16. 10.3 17. Teacher check 18. $\frac{1}{2}$ 19. 44 20. 30 21. 10 22. $\frac{1}{4}$ 23. 1.15 a.m. 24. 66 25. 147×7 1,043 149×7 1,015 145×7 1,029	Tuesday 1. 10.4 2.  3. $\frac{2}{3}$ 4. 50% of 24 5. + 6. 10 7. €50 with 75% off 8. 10 9. 711 10. 1,000,000 11. 4 12. 1.9 13. 18.8 14. 11 15. 7.8 16. 10,101,000 17. 10% of 30 kg 18. Teacher check 19. 15 20. vertical Problem-solving Monday 1. 8,48 2. 360 Tuesday 1. 400 2. 32 Wednesday 1. 50 2. 20 Thursday 1. $\frac{3}{10}$ 2. 3,750	WEEK 16 pages 47–49 Monday 1. 6.51 2. False 3. 50 4. 8.4 5. 20 6. 20 7. .755 8. E 9. + 10. 200 g of grapes for €1.50 11. $\frac{1}{5}$ 12. Teacher check 13. 25% of 60 14. 6,000 15. $5\frac{1}{3}$ 16. $\frac{1}{2}$ 17. Teacher check 18. 10 19. 5:1 20. 8 Tuesday 1. 4.23 2. 3.1 3. \times 4. $\frac{11}{3}$ 5. 10 6. 5 7. 6 8. 0.3 9. True 10. 65 11. Teacher check 12. 61 13. 110,055 14. 4 15. 39 16. 2, 3, 5, 7, 11, 13, 17 and 19 17. 52 18. 6 19. 5^2 20. 25 Wednesday 1. 8 2. $\frac{7}{9}$ 3. 7.96 4. 99 5. 	

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

8. $1\frac{1}{2}$ 9. 1 in 5, or 20% 10. 25.09 11. Teacher check 12. 12 13. 51 14. 10,000,010 15. True 16. 2:3 17. hundred thousands 18. 32 19. $2\frac{2}{8}(2\frac{1}{4})$ 20. 66.00	10. \times 11. add 5.1 12. 63 13. True 14. 1 kg sugar for €1.40 15. 11.15 p.m. 16. 25% of 36 17. $4\frac{3}{4}$ 18. 64 19. Teacher check 20. 10 21. 40 22. 24 23. Teacher check 24. 0.15 25. 10:1	18. Teacher check 19. 30 20. 2	1. 560 2. 616 1. 25 2. 100	Tuesday
				Wednesday
1. 12 2. 100 3. 750 g of flour for 90c 4. 30r 6 or 30.6 5. 75% of 60 6. 0.14 7. 122 8. 21 9. 3,600 10. 10 11. $10 + 3 \times 10$ 12. $10\frac{1}{2}$ 13. 100,000 14. Teacher check 15. 7.78 16. \div 17. 6 18. –€200 19. 6 20. 30	WEEK 17 pages 50–52 Monday 1. $\times, +$ 2. 12 3. –4 4. 0.25 5. $\frac{3}{5}$ 6. 0.75 7. 8.7 8. Teacher check 9. 545 10. \times 11. 7.4 12. 135 13. €40 shirt with 40% off 14. 3 in 12 (1 in 4) 15. 1,000,011 16. subtract 4 17. 50% of 16 18. 50 19. 60 20. A	1. $-, \times$ 2. 12 3. 1 4. 0.12 5. 983 6. \div 7. subtract 15  8. W 9. $\frac{2}{3}$ 10. $\frac{1}{2}$ 11. 90% of 90  13. $8\frac{1}{10}$ 14. 0.75 15. 125 16. 35 17. 1 18. 111,010 19. $6\frac{1}{4}$ 20. $\frac{1}{3}, \frac{2}{3}$	1. 560 2. 616 1. 25 2. 100	Thursday
				Friday Review
Problem-solving Monday 1. 81 2. 63 Tuesday 1. 1,000 2. 11 Wednesday 1. 0.25 2. $\frac{1}{4}$ Thursday 1. 0.5 2. $\frac{1}{2}$ Friday Review 1. 8 2. 7.53 3. $10\frac{3}{4}(10\frac{1}{2})$ 4. 11.27 5. $10 + 2 \times 10$ 6. 6 7. 70 8. 249 9. hundred thousand	WEEK 18 pages 53–55 Monday 1. $\div, +$ 2. + 3. $4\frac{3}{7}$ 4. 14 5. 0.5 6. Teacher check 7. $\frac{5}{7}$ 8. 8 cm or 80 mm 9. 2,053,000 10. 202 11. 162 12. 24, 48, 72 13. Teacher check 14. 90 15. 4 16. 3 17. 0.1	1. $\times, +$ 2. + 3. 1 4. 0.12 5. True 6. 8.3 7. \times 8. 12 9. €90 dress with $33\frac{1}{3}\%$ off 10. 64 11. $9\frac{1}{4}$ 12. 0.35 13. 5,500,010 14. 7.0 15. 7.31 16. 0.4  18. add 2.4 19. 90 20. B	1. 560 2. 616 1. 25 2. 100	Wednesday
				Thursday

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

14. Teacher check 15. hundred thousands 16. 40 17. 18 18. 95,000 19. 80,000 20. 0.8	5. 15 6. \div 7. 9 8. 70 9. 150 10. 0.155 11. 7,502,250 12. Teacher check 13. 199,900 14. 0.3 15. add 1.1 16. False 17.  18. 12 in 52 19. 10 20. 750 g tea for €2.70	20. 50 Thursday 1. $\frac{2}{3}$ 2. 9 3. parallelogram 4. 4 5. 0.15 6. -3 7. + or - 8. 0.03 9. True 10. $15\% = 0.15$ 11. 75% of 20 12. 21 13. 121 14. Teacher check 15. scalene 16. Teacher check 17. $10\frac{1}{5}$ 18. $1\frac{1}{4}$ 19. 2 20. $\frac{2}{4}$	21.  22. 20% 23. 25 24. 8 25. 2	Wednesday
				WEEK 20 pages 40–41
Problem-solving Monday 1. purple 2. 0.2 Tuesday 1. Liam 2. A = 1,8 B = 7,8 C = 7,2 D = 1,2 Wednesday 1. 2 2. 10 Thursday 1. Teacher check 2. 4,2	13. 199,900 14. 0.3 15. add 1.1 16. False 17.  18. 12 in 52 19. 10 20. 750 g tea for €2.70	1. \times 2. 18 3. 4 4. $1.5(1\frac{1}{2})$ 5. 30 6. 318 7. 75 8. 17 9. 45 10. 0.5 11. 16 12. -2 13. 8 14. 0.005 15. add 8 16. 6 17. yes 18. $\frac{1}{2}$ 19. 25 20. 9	1. -5 2. 13 in 52 3. isosceles 4. 0.16 5. 24 6. +, + 7. 0.009 8. 1.4 9. 9,850,725 10. $\frac{31}{7}$ 11. $\frac{5}{6}$ 12. 10 13. 15 14. 510 15. 10 16. 500 g corn for 95c 17. 45 18. 6 faces 19. 2 20. $\frac{2}{4}$	Monday
Friday Review 1. 16 in 52 2. 0.6 3. True 4. 0.18 5. 210 6. 0.7 7. $\frac{1}{4}$ 8. 25 9. 25,000 10. \times 11. 256 12. $8\frac{2}{10}$ 13. True 14. Teacher check 15. 0.65 16. 5,025,250 17. 6.22 18. 90,000 19. 260 20. -6 21. 36 22. 30 23. Teacher check 24. €900 laptop with 33½% off 25. Teacher check	7. 75 8. 17 9. 45 10. 0.5 11. 16 12. -2 13. 8 14. 0.005 15. add 8 16. 6 17. yes 18. $\frac{1}{2}$ 19. 25 20. 9	1. 6 2. 4 3. 4 4. $1.5(1\frac{1}{2})$ 5. 30 6. 318 7. 75 8. 17 9. 45 10. 0.5 11. 16 12. -2 13. 8 14. 0.005 15. add 8 16. 6 17. yes 18. $\frac{1}{2}$ 19. 25 20. 9	1. 6 2. 4 3. 4 4. $1.5(1\frac{1}{2})$ 5. 30 6. 318 7. 75 8. 17 9. 45 10. 0.5 11. 16 12. -2 13. 8 14. 0.005 15. add 8 16. 6 17. yes 18. $\frac{1}{2}$ 19. 25 20. 9	Tuesday
Problem-solving Monday 1. Teacher check 2. 3,500 Tuesday 1. Teacher check 2. 3,500 Wednesday 1. Conor 2. Left hand – Conor Right hand – Liam Thursday 1. 2.0 to 2.3 kg 2. 4,000 Friday Review 1. 0.36 2. -3 3. 8 4. 42, 42 5. 45 6. $6\frac{1}{2}$ 7. 1,001,010 8. $2\frac{1}{2}$ 9. \div 10. parallelogram 11. 0 12. 0.008 13. 4.5 14. 59.34 15. 105 16. 10 17. 750 g flour for €3.30 18. $\frac{3}{4}$ 19. 45 20. 36	1. 10 2. 13 in 52 3. isosceles 4. 0.16 5. 24 6. +, + 7. 0.009 8. 1.4 9. 9,850,725 10. 10 11. 500 g corn for 95c 12. 45 13. 6 faces 14. 5 15. 2,900,000 16. Teacher check 17. $\frac{31}{7}$ 18. $\frac{5}{6}$ 19. 15 20. 413	Tuesday		
Problem-solving Monday 1. 24, 6 2. 15, 10 Tuesday 1. 48 2. $\frac{1}{5}$ Wednesday 1. 2,400 2. 240 Thursday 1. $a = 36^\circ$ b = 36° c = 36°	1. 35 2. 0.25 3. -4 4. 8 5. 390,000 6. 18 7. 2,900,000 8. 0.12 9. \div, \div 10. scalene 11. 4,010,000 12. 18.99 13. 200 14. 6 15. 100 g sweets for 90c 16. 5 17. 05 18. $1\frac{1}{6}$ 19. yes 20. 413	Thursday		
WEEK 19 pages 56–58				
Monday 1. 0.3 2. 5 3. $3\frac{1}{2}$ hours 4. 30	1. -6 2. $2\frac{1}{2}$ 3. 20 4. 0.14 5. 1,909,000 6. 575 7. 98 8. + 9. 0.25 10. 15 apples for €2.99 11. 21 12. Teacher check 13. 4 14. 9,452,980 15. 1 16. 325 17. 8.53 18. 34 19. 30	1. \times 2. 18 3. 4 4. $1.5(1\frac{1}{2})$ 5. 30 6. 318 7. 75 8. 17 9. 45 10. 0.5 11. 16 12. -2 13. 8 14. 0.005 15. add 8 16. 6 17. yes 18. $\frac{1}{2}$ 19. 25 20. 9	1. \div 2. 4 3. 4 4. $1.5(1\frac{1}{2})$ 5. 30 6. 318 7. 75 8. 17 9. 45 10. 0.5 11. 16 12. -2 13. 8 14. 0.005 15. add 8 16. 6 17. yes 18. $\frac{1}{2}$ 19. 25 20. 9	Monday
WEEK 20 pages 40–41				
Monday 1. 0.36 2. 15, 10 Tuesday 1. 48 2. $\frac{1}{5}$ Wednesday 1. 2,400 2. 240 Thursday 1. $a = 36^\circ$ b = 36° c = 36°	1. \div 2. 4 3. 4 4. $1.5(1\frac{1}{2})$ 5. 30 6. 318 7. 75 8. 17 9. 45 10. 0.5 11. 16 12. -2 13. 8 14. 0.005 15. add 8 16. 6 17. yes 18. $\frac{1}{2}$ 19. 25 20. 9	1. \div 2. 4 3. 4 4. $1.5(1\frac{1}{2})$ 5. 30 6. 318 7. 75 8. 17 9. 45 10. 0.5 11. 16 12. -2 13. 8 14. 0.005 15. add 8 16. 6 17. yes 18. $\frac{1}{2}$ 19. 25 20. 9	1. \div 2. 4 3. 4 4. $1.5(1\frac{1}{2})$ 5. 30 6. 318 7. 75 8. 17 9. 45 10. 0.5 11. 16 12. -2 13. 8 14. 0.005 15. add 8 16. 6 17. yes 18. $\frac{1}{2}$ 19. 25 20. 9	Monday

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

$d = 72^\circ$ 2. W and Y Friday Review 1. -4 2. 0.18 3. 35 4. scalene 5. 75 6. 48 7. $10\frac{1}{4}$ 8. 0.999 9. +, + 10. 0.002 11. False 12. $\frac{1}{3}$ 13. 15.41 14. 4 faces 6 edges 4 vertices 15. subtract 3.2 16. 10 17. 0.79 18. 500 19. $\frac{5}{6}$ 20. 360 21. 2:1 22. 54 23. Teacher check 24. 500 g of peas for €1.00 25. 0.25	Tuesday 1. -8 2. $2 \times 2 \times 2 \times 2 \times 2 = 32$ 3. 5 4. 0.28 5. $\frac{31}{7}$ 6. $\frac{3}{4}$ 7. $\div, -$ 8. Teacher check 9. 625 10. 15 11. 5.585 12. yes 13.  14. 8 15. 36 16. 360 17. 4 18. 30 19. 5 20. 2,250,000	Wednesday 1. 0.03, 12, 0.3, 0.36, $\frac{3}{5}$ 2. 16 3. 4 4. 180 5. 60 6. -6 7. 0.27 8. 60 9. 2 10. 6 11. 1,400 12. Teacher check 13. $\times, -$ 14. 10.22 15. 100 16. 16 17. 0.05 18. $(70 \div 10) \times (5 \times 1)$ 19. 02 20. 10.94	Thursday 13. 3 14. 22 15. 200 16. 200 g sweets for €1.60 17. 9.696 18. 6 19. 2 20. 12	Problem-solving Monday 1. 6 m by 2 m 2. 24	Tuesday 1. 5 2. 300	Wednesday 1. 6500 2. 350	Thursday 1. 130 2. 325	Friday Review 1. 0, 0.07, 21%, $\frac{4}{5}$, 0.92 2. 12 3. 2,200 4. 0.27 5. 02 6. Teacher check 7. 2.5 8. 25 9. 3 10. $\times, +$ 11. 45 12. 4 13. 15.94 14. 0.905 15. 10 16. 2,800 17. Teacher check 18. $\frac{10}{5} = 2$ 19. 4 20. 50%	Problem-solving Monday 1. 450 mins or $7\frac{1}{2}$ hrs 2. 28	Tuesday 1. 11 2. 0.45, 0.3, 0.2, 0.015	Wednesday 1. 10,001,001 2. 4. $\frac{3}{4}$ 3. 64 4. 180	Thursday 1. -11 2. 0.45, 0.3, 0.2, 0.015 3. 10,001,001 4. 18.81 5. 6 6. 20.9	Friday Review Monday 1. Teacher check 2. 20
WEEK 21 pages 62–64	Monday 1. -5 2. 0.48 3. 05 4. 36 5. +, \times 6. 300 g of fruit for €1.44 7. 2 8. $1\frac{1}{3}$ 9. kite 10. $(7 \div 1) - (5 + 2)$ 11. 40 12. 6.7 13. Teacher check 14. $\frac{5}{6}$ 15. 2 16. 1,000,010 17. 12.57 18. 0.005 19. subtract 3.1 20. 450	Tuesday 1. 12. Teacher check 13. $\times, -$ 14. 10.22 15. 100 16. 16 17. 0.05 18. $(70 \div 10) \times (5 \times 1)$ 19. 02 20. 10.94	Wednesday 1. 75%, $\frac{2}{3}$, 0.09, 0 2. rhombus 3. $10\frac{1}{2}$ 4. 8.45 5. 45 6. 1 7. $\frac{6}{5} = 1\frac{1}{5}$ 8. -9 9. 420 10. 19 11. 0.35 12. 1,000,000	Thursday 1. 210 23. 4 24. 7.919 25. 48	Friday Review 1. 10,010,010 2. -5 3. $\frac{1}{6}$ 4. +2 hours 5. $\frac{2}{100}, \frac{1}{10}, \frac{1}{2}, \frac{3}{4}$ 6. 2 7. 5.8 8. pentagonal prism 9. 40 10. 0.45 11. $-5^\circ C$ 12. 5 13. 7.579	Wednesday 1. 10,010,010 2. -5 3. $\frac{1}{6}$ 4. +2 hours 5. $\frac{2}{100}, \frac{1}{10}, \frac{1}{2}, \frac{3}{4}$ 6. 2 7. 5.8 8. pentagonal prism 9. 40 10. 0.45 11. $-5^\circ C$ 12. 5 13. 7.579	Thursday 1. 18 2. 900	Friday Review 1. 0.15 2. $(60 \div 10) \times (1 + 9) - 6 = 54$ 3. 2 4. 45 5. hexagon 6. -11 7. 2 8. 3,000 9. 8 10. $\frac{15}{20} = \frac{3}{4}$ 11. 711 12. 3 p.m. 13. 35 14. 6 15. 1.2 16. 20.53 17. $\frac{4}{5}$ 18. $\frac{4}{10}$ or $\frac{2}{5}$ 19. 20	Monday 1. Teacher check 2. 20				
WEEK 22 pages 65–67	Monday 1. 351 2. -11 3. 30 in 40 (3 in 4) 4. 0.16 5. 4 6. $3 \times 3 \times 3 = 27$	Tuesday 1. 351 2. -11 3. 30 in 40 (3 in 4) 4. 0.16 5. 4 6. $3 \times 3 \times 3 = 27$	Wednesday 1. 850 15. 360 16. 8 17. 3%, 0.09, 0.14, $\frac{1}{4}$ 18. 180 19. 900,000 20. 3	Thursday 1. 850 15. 360 16. 8 17. 3%, 0.09, 0.14, $\frac{1}{4}$ 18. 180 19. 900,000 20. 3	Friday Review 1. 0.15 2. $(60 \div 10) \times (1 + 9) - 6 = 54$ 3. 2 4. 45 5. hexagon 6. -11 7. 2 8. 3,000 9. 8 10. $\frac{15}{20} = \frac{3}{4}$ 11. 711 12. 3 p.m. 13. 35 14. 6 15. 1.2 16. 20.53 17. $\frac{4}{5}$ 18. $\frac{4}{10}$ or $\frac{2}{5}$ 19. 20	Monday 1. Teacher check 2. 20							

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

20. 004
21. 9
22. 5.569
23. 0.075, 8.5%, 0.82, $\frac{9}{10}$
24. 360
25. 20% or 0.2

WEEK 23 pages 68–70

Monday

1. -12
2. 0.36
3. $\frac{2}{4}$ (or $\frac{1}{2}$)
4. $-$, \div
5. $\frac{2}{5}$
6. 10,111,011
7. 375
8. 1.5
9. 60
10. 352
11. 04
12. 210
13. 30
14. 400
15. 17.8
16. 162,500
17. 350
18. yes
19. $\frac{3}{4}$
20. 60

Thursday

1. 2, 20, Teacher check
2. -8
3. Teacher check
4. hundredths
5. 0.6
6. 35
7. +9 hours
8. $2\frac{2}{5}$
9. 680
10. 25
11. $2\frac{2}{5}$
12. 5
13. 3.65
14. 0.2
15. 10
16. 0.054
17. 25
18. Teacher check
19. 10
20. 400

Tuesday

1. 0.4
2. $-$, \div
3. 5
4. 8,600
5. 0.2
6. 004
7. Multiply by 3
8. 7,265
9. 750
10. 4 in 52 (1 in 13)
11. -10
12. 1
13. 300
14. 100
15. 2.2, 2.02, 2.002, 2.0
16. 16
17. 4
18. 25
19. $\frac{1}{8}$
20. 12

Problem-solving

Monday

1. 4,800
2. A = 1,200
- B = 2,400

Tuesday

1. 0.25
2. 75

Wednesday

1. 72
2. 16

Thursday

1. B
2. A = 25
- B = 50
- C = 10

Wednesday

1. -10
2. $\frac{2}{3}$
3. 0.2
4. \times , $+$
5. 4
6. $\frac{54}{5}$
7. 65

Friday Review

1. -13
2. 40
3. $\frac{4}{5}$
4. 57
5. $4\frac{3}{5}$
6. 1,700
7. 59,000
8. 7
9. 150
10. Teacher check
11. $-$, \div
12. 5.575
13. 166,500
14. 5
15. 300
16. $\frac{1}{3}, \frac{3}{10}, \frac{1}{5}, \frac{1}{100}$
17. 60
18. 4.48
19. +5 hours
20. 10
21. 6
22. pentagonal prism
23. 7 faces
24. 616
25. 90

WEEK 24 pages 71–73

Monday

1. -9
2. 360
3. Teacher check
4. $\frac{29}{3}$
5. 0.25
6. 1
7. $\frac{4}{5}$
8. 12
9. 9
10. 0.6
11. 0.3
12. $9\frac{2}{5}$
13. 42
14. 4,613
15. $5\frac{2}{5}$
16. 310
17. 10
18. 37r1
19. 0.7
20. 4.05

Wednesday

1. units
2. -14
3. 0.52
4. 6, 16
5. 8
6. 5
7. $\frac{1}{6}$
8. cylinder
9. 27
10. 6 faces
11. 120
12. 6,153
13. 3 in 9 (1 in 3)
14. $\frac{1}{4}$
15. 7
16. no
17. 135
18. 9
19. 16
20. $\frac{1}{2}, 0.5$, Teacher check

Thursday

1. 1, 10, Teacher check
2. 300
3. Teacher check
4. $\frac{2}{4}(\frac{1}{2})$
5. 2.57
6. 2, 22
7. 0.36
8. $10\frac{1}{3}$
9. 0.005
10. 45
11. 6,337
12. 808, $2\frac{1}{2}$, 1.8
13.

12	16	20	24	28	32	36	40	44	48
18	24	30	36	42	48	54	60	66	72
14. 24,079
15. 360
16. 0.991
17. 3.24
18. $12\frac{3}{5}$
19. 4
20. 125

Problem-solving

Monday

1.

8	12	16	20	24	28	32	36	40	44	48
10	15	20	25	30	35	40	45	50	55	60
2. 60

Tuesday

1. A
2. B

Wednesday

1. 40
2. 80

Thursday

1. 300
2. 60, 12

Friday Review

1. 0.38
2. 0.25
3. -7
4. Teacher check
5. 480
6. $\frac{1}{2}$
7. $6\frac{3}{5}$
8. 20
9. 49
10. 5,422
11. 3,679
12. 166
13. 0.993
14. 55

15.

4	9	2
3	5	7
8	1	6
16. $11\frac{2}{4}$ or $(11\frac{1}{2})$

17. \div , +

18. $\frac{52}{7}$

19. 

20. 5 faces
- 9 edges
- 6 vertices

21. 6,629

22. 360

23. 33

24.

4	8
8	16
12	24
16	32
20	40
24	48
28	56
32	64
36	72
40	80

25. 1 in 100

WEEK 25 pages 74–76

Monday

1. -14
2. $\frac{3}{4}$
3. 70
4. 600
5. 0.6
6. $\frac{2}{5}$

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

7. yes 8. $29\frac{2}{3}$ 9. Teacher check 10. 75 11. 05 12. 6,514 13. 135 14. 20,485 15. 75 16. 1,000,000 17. 	20. 4.05 Thursday 1. 560 2. 100 3. 45 4. 7.3 5. Teacher check 6. $\frac{1}{4}$ 7. 4 8. 9 9. -14 10. 7,226 11. 4 12. 6,800 13. 14,207 14. 004 15. $\frac{1}{2}, 0.1, 0.049, 3\%$ 16. 4.5 17. 11 18. 270 19. 35% of 100 20. yes Problem-solving Monday 1. 160 2. 1,600 Tuesday 1. 30 2. 3 Wednesday 1. Thursday 22nd of July 2. 8 p.m. Thursday 1. 4 2. $3\frac{2}{3}$ Friday Review 1. yes 2. -15 3. 24 4. $\frac{1}{8}$ 5. 1,200 6. 0.32 7. 0.55, $\frac{1}{2}, 0.1, 5\%$ 8. 0.998 9. 14,857 10. 2 11. 004 12. 1,000 13. 1,900,000 14. False 15. 35 16. 2.25 17. 60 18. 0.005 19. 300 20. 9 21. 50% of 16	22. 360 23. 009 24. 5 25. Teacher check WEEK 26 pages 77–79 Monday 1. $\frac{5}{8}$ 2. 400 3. 20 4. -13 5. 0.9, 0.222, 0.11, 5% 6. $\frac{3}{4}$ 7. 0.54 8. 5,264 9. 16,632 10. 30% of 100 11. 2 12. 25 13. 14 14. 0.12 15. $4 \times 4 \times 4 = 64$ 16. 50 17. A = 2,2 B = 0,3 C = 5,0 18. $\frac{2}{4} = \frac{1}{2}$ 19. 10,990,090 20. 3 Tuesday 1. -11 2. 300 3. 28 4. 0.75 5. 50 6. 1,750 7. Teacher check 8. 14,369 9. 5 10. 5 11. 0.18 12. 16 13. 8, 80, 80 14. 7 faces 15. edges 16. vertices 17. 5 18. A = 2,2 B = 0,3 C = 5,0 19. 16.50 Problem-solving Monday 1. 180 2. 12,000 3. 0.78 4. 4,353 5. 200 6. 1,813 7. 23,068 8. $\frac{6}{7}$ 9. 36 10. J 11. 4 12. $\frac{1}{6}$ 13. 7.98 14. 75% of 60 15. yes 16. 5 17. 50 18. 6 19. A = 2,2 B = 0,3 C = 5,0 20. 16.50 Wednesday 1. 0.5 2. 4,000 3. 16,000 4. B Thursday	1. 5 2. 40,800 Friday Review 1. 1 2. -11 3. 32 4. 0.48 5. A = 3,4 B = 0,2 C = 4,0 6. 54 7. 7 8. 11 9. 10 10. $\frac{1}{6}$ 11. 9 12. 24,000 13. 35 14. Teacher check 15. 6,312 16. 35% of 100 17. 200 18. 75 19. no 20. $14\frac{4}{8}$ or $14\frac{1}{2}$ 21. 9 22. 3,250 23. 38 24. 1,716 25. 22.50

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

4. 70% of 90
 5. 5
 6. $\frac{473}{1,000}$, $2\frac{1}{5}$, 4.00, $\frac{41}{10}$, 34
 7. 12
 8. scalene
 9. 05, 5
 10. 5
 11. 40
 12. 3
 13. 45
 14. 1,000
 15. 25
 16. 50
 17. 2,020,002
 18. 75
 19. octahedron
 20. Teacher check
- Wednesday**
1. 0.51
 2. 0.02
 3. 4
 4. 2,000
 5. 15.2
 6. 600,000
 7. 20
 8. 40
 9. 04
 10. $\frac{1}{2}$
 11. 53
 12. 40
 13. 25.2
 14. 3
 15. 2
 16. 24
 17. 25
 18. 0.2
 19. $\frac{1}{4}$, 0.1, 8%
 20. a – 100
 b – 80°
- Thursday**
1. 2.50
 2. $\frac{1}{3}$
 3. isosceles
 4. 40
 5. 1
 6. 0.04
 7. 0.289
 8. +3
 9. 20% of 80
 10. Teacher check
 11. $\frac{1}{6}$
 12. 29.2
 13. 4
 14. 50
 15. 08
 16. 4
 17. 54
 18. 121

19. 3
 20. 3,000
- Problem-solving**
- Monday**
1. 125, 62.5
 2. 50, 125, 12.5
- Tuesday**
1. 9 and 5
 2. 6 and 8
- Wednesday**
1. 30
 2. 300
- Thursday**
1. 7, 7, 8
 2. 800
- Friday Review**
1. 16
 2. 1,800
 3. 0.03
 4. 3,650
 5. 02
 6. +4
 7. 5.5
 8. 0.6
 9. 4.272
 10. 700,000
 11. Teacher check
 12. 63
 13. 35
 14. $\frac{7}{12}$ or $\frac{1}{6}$
 15. scalene
 16. 1,800
 17. 50
 18. 8
 19. $\frac{71}{1,000}$, $\frac{3}{5}$, $\frac{71}{100}$
 20. 3,033,500
 21. 15
 22. 24
 23. 37.50
 24. 10
 25. 75
- WEEK 28 pages 83–85**
- Monday**
1. +1
 2. 0.36
 3. 3.467
 4. $7\frac{1}{9}$
 5. 2,000
 6. 8
 7. 1,600
 8. 1
 9. 70,000
 10. 0.065
 11. 16.18
 12. 4.045
 13. 0.025
- Wednesday**
14. 24,000
 15. 5
 16. 3
 17. ↓
 18. 60
 19. Teacher check
 20. 50% of 50
- Tuesday**
1. –3
 2. 24
 3. 15
 4. $\frac{1}{4}$
 5. 500
 6. 210
 7. 14.018
 8. equilateral
 9. 9,000
 10. 2
 11. 089
 12. $\frac{19}{4}$
 13. tetrahedron
 14. 2
 15. 0.51
 16. 12
 17. $\frac{3}{8}$
 18. 4
 19. $\frac{1}{8}$
 20. yes
- Thursday**
1. 32.016
 2. triangular pyramid
 3. $\frac{2}{3}$
 4. –4
 5. 20
 6. 20.076
 7. thousands
 8. 35
 9. 64
 10. 40% of 25
 11. 0.095
 12. 16
 13. 3
 14. 6
 15. 1

7. $4\frac{10}{20}$ (or $4\frac{1}{2}$)
 8. 3
 9. 35
 10. 18
 11. 360
 12. 3
 13. 7.1
 14. ↓
 15. 400
 16. 100
 17. 035
 18. 5
 19. 6
 20. B
- Problem-solving**
- Monday**
1. 250
 2. Conor, Luke, Liam, Ian
- Tuesday**
1. $\frac{1}{3}$
 2. $\frac{3}{10}$
- Wednesday**
1. 4
 2. 6
- Thursday**
- 1.35
 2. scalene
- Friday Review**
1. pentagonal
 2. +4
 3. Teacher check
 4. perpendicular
 5. 0.34
 6. 0.07
 7. 025
 8. 6
 9. 40
 10. 28
 11. 8.19
 12. 900
 13. 140
 14. F
 15. 085
 16. 55
 17. 36,000
 18. 0.14
 19. 15
 20. 12
 21. 80
 22. 10
 23. 3
 24. 56
 25. 2
- Wednesday**
1. 4, 2
 2. 1, 4
 3. +4
 4. obtuse
 5. False
 6. 1,800
 7. $\frac{1}{2}$
 8. 21
 9. 0.4
 10. 3
 11. 7
 12. 100

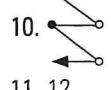
NEW WAVE MENTAL MATHS (6th Class Book) – Answers

13. octahedron 14. +3 15. 5 16. $\frac{1}{6}, \frac{1}{2}, \frac{5}{6}, \frac{3}{4}$ 17. 10 18. 360 19. True 20. 1,000,000	13. +1 14. 25 15. octagon 16. 24 17. 2, 34, 90%, 18%, 0.11 18. $\frac{1}{2}$ 19. True 20. 20,488	18. 5 19. 180 20. A and D C and F B and E	Thursday	Tuesday
			1. 12.00 2. 4.32	1. True 2. 8 faces 12 edges 6 vertices 3. 3 4. +5 5. 300,000 6. 45 7. right 8. 250 9. 66 10. cube 11. 36 12. no 13. yes 14. 54 15. Teacher check 16. 6.1 17. metre stick 18. 09 19. 900,000 20. 3,600,000
Thursday		Wednesday	Friday Review	
1. 0.36 2. 309 3. 35 4. 5 5. $\frac{1}{2}$ 6. 31 7. 100 8. 2 9. hundred thousands 10. 75 11. 8 12. 4 13. 4 14. 100 15. True 16. 360 17. $\frac{1}{3}, \frac{3}{6}, \frac{2}{3}, \frac{8}{9}$ 18. 0.007 19. (a) 100 (b) 50 20. 1 in 2 or 50%	1. 1.2 2. 240 23. 64 24. pentagonal 25. 100	1. 3 2. 04 3. 1.9 4. E 5. 25 6. -3 7. 560 8. 5 9. 400 10. kite 11. 1.8 12. N 13. 27 14. 4 15. 7 16. 960 17. 0.044 18. 40 19. $\frac{1}{8}, \frac{1}{4}, \frac{5}{10}, \frac{6}{8}$ 20. 6	1. 6 2. 1.7 3. +6 4. 12 5. 2 6. 8 7. 8 8. 8 9. 27 10. 0.022 11. $4\frac{1}{4}$ 12. A and C 13. $7\frac{16}{20}$ (or $7\frac{4}{5}$) 14. 250 15. 28 16. 9.7 17. 0.14 18. 450 19. 6.0 20. 960 21. 2,000 22. 200 23. 8.1 24. 20 25. 30	
Monday		Thursday	Wednesday	Tuesday
Problem-solving				
Monday				
1. 2,800 2. 1,440	1. 2 2. 10 3. 510 4. 8 5. 350 6. 16 7. 0.011 8. 25 9. 8 10. 100 11. 0 12. 10,000,800 13. 480 14. 2 15. 2 16. 13 17. 42 18. 0.8 19. 1,500 20. 200	1. 132 2. 3 3. 90 and 180 4. 10 5. 1,350 6. 22 7. 8 8. $9\frac{8}{10}$ (or $9\frac{4}{5}$) 9. 1.1 10. 315 11. 8 12. -2 13. 7 14. 12 15. 10.1 16. 1 17. Teacher check 18. $6\frac{1}{4}$ 19. $\frac{2}{6}, \frac{1}{2}, \frac{2}{3}, \frac{7}{9}$ 20. 8	1. 4 2. 1 3. 360 4. -4 5. 6.00 6. False 7. 253 8. 6.96 9. 5 10. 2 11. no 12. 25 13. 24 14. Teacher check 15. 0.06 16. 3.1 17. 	1. True 2. 8 faces 12 edges 6 vertices 3. 3 4. +5 5. 300,000 6. 45 7. right 8. 250 9. 66 10. cube 11. 36 12. no 13. yes 14. 54 15. Teacher check 16. 6.1 17. metre stick 18. 09 19. 900,000 20. 3,600,000
Tuesday				
Wednesday				
Thursday				
1. A 2. A = 25 B = 50 C = 10	1. no 2. 8 faces 12 edges 6 vertices 3. 1,800 4. 0.34 5. -2 6. 1.3 7. 3,500 8.  9. $\frac{3}{6}$	1. 10.1 12. 1 13. 1.1 14. 10.1 15. 1.1 16. 1 17. Teacher check 18. $6\frac{1}{4}$ 19. $\frac{2}{6}, \frac{1}{2}, \frac{2}{3}, \frac{7}{9}$ 20. 8	1. 4 2. 1 3. 360 4. -4 5. 6.00 6. False 7. 253 8. 6.96 9. 5 10. 2 11. no 12. 25 13. 24 14. Teacher check 15. 0.06 16. 3.1 17. 	1. 4 2. 1.1 3. 3,4 4. 1.1 5. 130 6. 64 7. 80 8. 375 9. 4.4 10. 96 11. 1.1 12. cube 13. $\frac{3}{6}$ (or $\frac{1}{2}$) 14. 7 15. Feb 16. June 17. Jan 18. 10 19. April/May 20. May
Friday Review				
1. 61 2. 10 3. 600 4. 0.005 5. obtuse 6. 40 7. 25 8. 7 9. 1 10. True 11. 4 12. 62	1. 10 11. 10 12. 25 13. 8 14. 16 15. 15 in 20 (3 in 4) 16. 11 17. Teacher check	1. 68 2. 42.50 1. $\frac{2}{5}$ 2. 25, 35 1. Teacher check 2. 1.2	1. 68 2. 42.50 1. $\frac{2}{5}$ 2. 25, 35 1. Teacher check 2. 1.2	1. -2 2. 1.25 3.  4. 0.3 5. 20 6. 945 7. 0 8. $\frac{3}{6}$ (or $\frac{1}{2}$) 9. 4.6 10. 410 11. False 12. A, B

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

13. ×	4. ×	19. 0.3	19. 40	4. $2\frac{3}{4}, 3\frac{1}{4}$									
14. 8	5. 10,512,015	20. 0.3	20. 5	5. 1.5 cm (or 15 mm)									
15. yes	6. 0.80	Thursday	21. 1,500	6. –5 hours									
16. 100	7. hundred thousands		22. 025	7. no									
17. 150	8. 1.20	1. 70	23. 4	8. kitchen scales									
18. 2.1	9. 90	2. –17	24. 15	9. $\frac{1}{81}$									
19. cube	10. 15, 21, 27	3. 103	25. 60	10. 21									
20. 4	11. 100	4. 008		11. 11, 13, 17 and 19									
Problem-solving													
Monday													
1. 2:3	12. $3\frac{3}{5}$	5. 44	Monday	12. 120									
2. 18:10	13.	6. 625		13. 41									
Tuesday													
1. 9:12	14. 15,607	7. 5,000,005	1. 1,300,000	14. 8,005									
2. 4	15. l × w	8. 4.25	2. 3	15. True									
Wednesday													
1. 5:3	16. 1	9. 4,200	3. 4	16. 9									
2. 45	17. kitchen scales	10.	4. yes	17. 12									
Thursday													
1. 60	18. 160,000	11. 1:3	5. kitchen	18. 0.1									
2. 10	19. True	12. 6.03	6. 004	19. 8									
Friday Review													
1. 3	20. 5	13. 5.8	7. $\frac{1}{8}$	20. 6									
2. 3	1. $\frac{3}{4}$	14. 40	8. 81										
3. 5:10	2. 3,650,000	15. 12,547	9. 0.2										
4. False	3. 60	16. kitchen scales	10. 9	1. 36									
5. 295	4. 7.75	17. 130,000	11. 100,000	2. 0.6									
6. $\frac{4}{15}$	5. right	18. 1,100	12. Teacher check	3. 18									
7. 10	6. 6,050	19. 160	13. 7,205	4. 3,050,000									
8. 420,000	7. –4	20. 5	14. 0.8	5. 055									
9. $\frac{2}{3}$	8. 045	Problem-solving											
10. 225	9. trundle wheel	Monday	15. 54	6. $\frac{3}{8}$									
11. cube	10. 72	1. 65	16. 350	7. 5									
12. 140	11. 5	2. 35	17. 88	8. 255,000									
13. True	12. $8\frac{1}{6}$	Tuesday	18. 12.00	9. $\frac{5}{6}$									
14. 24	13. 21,369	1. 50	19. $10 \times \frac{10}{1}$	10. 35									
15. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>4</td><td>9</td><td>2</td></tr><tr><td>3</td><td>5</td><td>7</td></tr><tr><td>8</td><td>1</td><td>6</td></tr></table>	4	9	2	3	5	7	8	1	6	14. 9	2. 50	20. 7,920,000	
4	9	2											
3	5	7											
8	1	6											
Wednesday													
16. 8 faces	15. 22	Wednesday	Tuesday										
12 edges	16. 1	1. (a) 6 = blue	1. 10	13. 3									
6 vertices	17. no	(b) 8 = green	2. 35	14. reflex									
17. reflex	18. 9	2. (a) 2 = red	3. 8 faces	15. 12									
18. 3	19. True	(b) 4 = yellow	12 edges	16. no									
19.	20. regular octagon	Thursday	6 vertices	17. True									
Friday Review		1. €2, 50c	4. 6,090,000	18. 40									
16. 8 faces	1. 2.00	2. €1, €1, €2	5. 87,000	19. 1									
12 edges	2. 8,200,000	Wednesday	6. 14,972	20. (a) 2									
6 vertices	3. $\frac{5}{6}$	Friday Review	7. 5	(b) 8									
17. reflex	4. 7,092	1. millions	8. 21	Problem-solving									
18. 3	5. 15	2. $\frac{5}{6}$	9.	Monday									
19.	6. $\frac{49}{5}$	3. 91	10. $\frac{1}{4}$	1. $\times 6, \times 4, \times 8, \times 8$									
20. 16	7. 40	4. 55	11. Teacher check	2. 70									
21. 4,4	8. 4	5.	12. Teacher check	Tuesday									
22. 1,2	9. 55	6. 7	13. 48	1. (a) 2.50									
23. 29,700,000	10. 105°	7. 96,000	14. 54	(b) 2×1 and									
24. 360	11. $\frac{43}{8}$	8. 8	15. 1,000	50×1									
25. $\frac{3}{8}$	12. 8	9. 4	16. $5\frac{1}{2}$	2. 4,000									
WEEK 32 pages 95–97		10. 7	17. 30	Wednesday									
Monday		11. 18	18. 107	1. 500									
1. 6,300,000	12. 6	12. 6	19. $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}, \frac{7}{8}$	2. 12,500									
2. 5	13. 375	13. l × w	20. 1,750	Thursday									
3. 10	14. 70	14. 35		1. 3									
Wednesday		15. 81		2. 5									
16. ×	16. 4	16. 4	1. 2,750,000										
17. 62	17. 60	17. 60	2. 21,588										
18. 1%, 0.1, $\frac{5}{10}$, 0.99	18. 2,075	18. 2,075	3. 5										

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

Friday Review 1. 36 2. 4 3. 3,200,000 4. no 5. 96 6. 025 7. $\frac{1}{8}$ 8. 2,310 9. Teacher check 10. 3%, 0.3, 51%, $8\frac{1}{2}$ 11. B 12. 20.36 13. 203 14. 6 15. 9 16. $\frac{5}{8}$, $\frac{1}{8}$, $\frac{2}{8}$ ($\frac{1}{4}$) 17. ruler 18. 34 19. 45 20. 6 21.  22. 16.509 23. 300 24. $\frac{1}{3}$, $\frac{1}{2}$, $\frac{4}{6}$, $\frac{8}{9}$ 25. +3	9. 14 10. 10 11. thousandths 12. 121 13. 5,000 ml container 14. 45 15. 3,375 16. 2, 3, 4 17. 101 18. $0, \frac{1}{4}, 0.3, \frac{2}{4}, \frac{2}{3}$ 19. 2 20. 441	Problem-solving Monday 1. 8 2. 125 Tuesday 1. Teacher check – holidays 2. Teacher check Wednesday 1. 28 2. 9,600 Thursday 1. 20.00 2. 8.40	14. True 15. 06 16. 0.4 17. 24 18. 3 19. A = 0.3 B = 2.5 C = 5.0 20. isosceles	5. 151 6. 4 7. 099 8. $\frac{2}{5}$ 9. 801 10. 7 11. 90 12. 21 13. 2.7 Tuesday 1. True 2. 900,000 3. $\frac{67}{8}$ 4. $\frac{5}{6}$ 5. 39 6. 8,030 7. 90.00 8. 16 9. 72.00 10. 8 11. 09 12.  13. 0.09 14. 007 15. 270 16. Feb 17. Jan 18. June 19. 15 20. Jan
WEEK 34 pages 101–103 Monday 1. $\frac{2}{3}$ 2. 7 3. $2 \times$ radius 4. 3 5. $1\frac{2}{5}$ 6. $\frac{3}{8}$ 7. 2,080,000 8. 81,000 9. 50% 10. 25 11. 15 12. 64 13. triangular prism 14. 24 15. thousandths 16. 12 17. 21 18. 125 19. 531 20. 4.5	1. 0.1 2. 5 3. $3\frac{4}{5}$ 4. $2 \times$ radius 5. 135 6. $\frac{1}{10}$ 7. 351 8. $\frac{7}{10}$ 9. 6:1 10. 10 11. 100,000,000 12. $\frac{1}{3}, \frac{3}{4}, \frac{4}{5}, 0.88, 1\frac{1}{5}$ 13. 39,000 14. 360 15. 0.1 16. 5 17. 2 18. Teacher check 19. 2,000 20. 240	Wednesday Thursday 1. 9 2. $\frac{4}{6}$ (or $\frac{2}{3}$) 3. 6 4. 15 hours 20 minutes 5. 10,650,000 6. $\frac{1}{3}$ 7. 800,000 8. 0.025 9. $\frac{1}{5}$ 10.  11. 12 12. $\frac{29}{100}$ 13. 10,000 14. 2 15. 6,000 16. 4, 4.1 17. Teacher check 18. Teacher check 19. 3.00 20. 18,368	Friday Review 1. 4,730,000 2. 9 3. 5 4. 10 5. 100.1 6. $2 \times r$ 7. 10 8. 0.02 9. $\frac{1}{10}$ 10. thousandths 11. Teacher check 12. 121 13. 96 14. 75 15. 18 16. 60 17. $\frac{9}{4}$ (or $2\frac{1}{4}$) 18. 10,000,000 Wednesday 19.  20. 3, 4 21. 21.599 22. 3 min 20 sec 23. 360 24. 1.4 25. 4, 4	1. 28 2. 9,600 3. 6,057,000 4. 1.20.00 5. 2.8.40 6. 1.20.00 7. 2.8.40 8. 1.20.00 9. 2.8.40 Friday Review 1. 13. 0.09 2. 14. 007 3. 15. 270 4. 16. Feb 5. 17. Jan 6. 18. June 7. 19. 15 8. 20. Jan
Tuesday 1. 6 2. 6 3. kitchen scales 4. $2\frac{1}{3}$ 5. 140 6. 2,800,000 7. $\frac{1}{8}$ 8. 9,500,000	1. 1.2 2. 4.1 3. Teacher check 4. Teacher check 5. 3.00 6. 18,368	Monday 1. a = 60 b = 45 c = 45 2. $\frac{11}{4}$ 3. 36 4. 4,000,000 5. 11 6. l × w 7. $\frac{1}{5}$ 8. 42 9. 130 10. 150 11. $\frac{6}{10}$ (or $\frac{3}{5}$)	Wednesday 1. $4\frac{1}{2}$ 2. False 3. 9 4. $2 \times r$ 5. 44 6. $\frac{1}{10}$ 7. 1 8. 80 9. 11 p.m. 10. 70 11. 8.97 Friday Review 1. $\frac{5}{6}$ 2. $\frac{2}{5}$ 3. 2,360 4. 13 5. 40 6. 10 7. HH, TT 8. False 9. 8 10. 12.30 a.m. 11. 49 12. 50%	
Thursday 1. 125 2. 45 3. 150 4. 100,000,000 5. 10,650,000 6. 800,000 7. 0.025 8. $\frac{1}{5}$ 9. 10,000 10. 2 11. 6,000 12. 4, 4.1 13. Teacher check 14. Teacher check 15. 3.00 16. 18,368	Monday 1. E 2. E 3. 2,000,000 4. 14.30 5. 15.4,040 6. 16.9.0 7. tail, head 8. 18.40 9. 19.3.5 10. 20.5	Wednesday 1. 1.20.00 2. 2.8.40 3. 3.00 4. 4.00,000 5. 5.11 6. 6.1 × w 7. 7.42 8. 8.42 9. 9.130 10. 10.150 11. 11. $\frac{6}{10}$ (or $\frac{3}{5}$)	Friday Review 1. 13. 49 2. 14. 40 3. 15. 90,450 4. 16. 712 5. 17. Teacher check 6. 18. 349 7. 19.  Wednesday 1. 21. 5.2 2. 22. 5.2 3. 23. 31.50 4. 24. 12 5. 25. 1.6	

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

WEEK 36 pages 107–109
Monday

1. 24
2. 1.5
3. 5
4. 155
5. 2,780
6. 904
7. $\frac{2}{5}$
8. Teacher check
9. 40
10. 2%, 0.05, 0.3
11. 0.4
12. Teacher check
13. 29
14. 1.80
15. 6
16. cm
17. Teacher check
18. 4
19. 180
20. 3:4

Tuesday

1. 7.01
2. 5
3. 5
4. 9
5. 1.85
6. l × w
7. $\frac{3}{10}$
8. 5
9. 1:5
10. 0.035
11. 0.8
12. kg
13. Teacher check
14. 0.3, 20%, 0.11
15. 4,000,000
16. 30
17. 702,045
18. 0.2, 0.25, 0.75, 0.8
19. $\frac{2}{3}$
20. 180

Wednesday

1. 9
2. $12\frac{1}{3}$
3. 7
4. $\frac{2}{10}$ (or $\frac{1}{5}$)
5. 23
6. 9
7. 45
8. 30
9. 6
10. 3
11. 3.91
12. Teacher check
13. 0

14. 3,600
15. 340
16. t
17. tens
18. yes
19. 8
20. $\frac{3}{4}$

Thursday

1. $5\frac{1}{5}$
2. 2.80, 17
3. Teacher check
4. Teacher check

16. 230
17. $2 \times r$
18. 2.1, 0.32, 15%
19. 003
20. 6
21. g
22. 3
23. 1:2
24. $\frac{3}{12}$ (or $\frac{1}{4}$)
25. 1,050,000

WEEK 37 pages 110–112
Monday

1. 30
2. ml
3. 2,050,000
4. 40
5. rhombus
6. 8
7. 58
8. 1,100,100
9. 58

Tuesday

10. m
11. 14,070
12. $2 \times r$
13. 6
14. $\frac{10}{3}$
15. 24

Problem-solving
Monday

18. $\frac{7}{10}$ (or $\frac{1}{5}$)
19. 5 faces

Tuesday

10. 72, 80 and 88
11. 33
12. 24
13. 26
14. 325

Wednesday

15. 11.3
16. 32.8

Thursday

1. True
2. 50%
3. 14
4. 5.6
5. 50,000

Friday Review

6.
7. triangle
8. $\frac{4}{10}$ (or $\frac{2}{5}$)
9. 30
10. 61,006
11. $6\frac{1}{3}$
12. 19,356
13. 5,010,000
14. 36
15. 2
16. 45
17. 3
18. 7
19. -6
20. 12

Wednesday

1. 12,051
2. 12
3. $6\frac{1}{10}$
4. 74,090
5. 35
6. True
7. l × w
8. 10
9. $\frac{1}{2}$
10. 96
11. 1,600
12. 15
13. $\frac{2}{5}$
14. +1 hour
15. 01
16. $\frac{1}{2}$
17. 2
18. $33\frac{1}{3}$
19. 48
20. rectangle

Thursday

1. 4,010,000
2. 4
3. $\frac{2}{10}$ (or $\frac{1}{5}$)
4. 6
5. $\frac{1}{6}$
6. 7

Friday Review

1. 8.14
2. ml
3. 4.8
4. 800
5. 90,603
6. 1:32
7. 13
8. cm
9. 2,200,000
10. 0
11. 320
12.
13. 40
14. 56, 63 and 70
15. $\frac{2}{10}$ (or $\frac{1}{5}$)
16. 12
17. 1,200 mm
18. g
19. $3\frac{3}{6}$ (or $3\frac{1}{2}$)
20. 7,050,000
21. $\frac{6}{9}$
22. 8
23. 10
24. 116
25. 50

WEEK 38 pages 113–115
Monday

1. 10
2. 48
3. 06
4. ml
5. hundred thousands
6. $\frac{1}{10}$
7. 8
8. 4.9
9. 5
10. 3.6
11. 14.00
12. km
13. 24,300
14. 230
15. 75
16. t
17. octahedron
18. 6
19. 95
20. 20

Tuesday

1. A
2. 75, 40, 40
3. 14th March 5 a.m.
4. 30 May 9.30 a.m.
5. 1. 5
6. 2. 5
7. 1. 50
8. 2. 35, 35, Teacher check

Problem-solving
Monday

1. A
2. 75, 40, 40

Tuesday

1. 14th March 5 a.m.
2. 30 May 9.30 a.m.

Wednesday

1. 5
2. 5

Thursday

1. 50
2. 35, 35, Teacher check

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

9. ten thousands 10. 3 11. $l \times w$ 12. True 13. 8 14. 1 15. 80 16. $\frac{1}{8}$ 17. 11 18. 8 19. 9 20. 7	Problem-solving Monday 1. 35, 15 2. (a) 250 (b) 450 Tuesday 1. B 2. $66\frac{2}{3}, 62\frac{1}{2}, 50$ Wednesday 1. 800 2. 500,000 Thursday 1. 5, 10, 20, 40 2. 1, 100, 1,000, 10,000 Wednesday 1. 1,000 2. l 3. 5 4. 6.83 5. million 6. 60 7. $\frac{3}{10}$ 8. 3 9. B 10. A 11. cm 12. 2,020 13. 60 14. 105 15. Teacher check 16. 9 17. 6 18. 12.4 19. 26 20. 4,300 Thursday 1. $\frac{4}{10}$ (or $\frac{2}{5}$) 2. 10,000 3. 63 4. 44 5. False 6. 13 7. 02 8. ten thousands 9. 145 10. 7 11. $2 \times r$ 12. g 13. 540 14. 10 15. square 16. 8 17. 8 18. 6 19. 40 20. 8	15. 8.15 a.m. 16. 54 17. m 18. 75 19. 200 20. 25.438 Tuesday 1. True 2. 36 3. 70 4. 80 5. 29 6. 4 7. 0.12 8. $\frac{3}{6}$ 9. 14 10. 60 11. equilateral 12. 245 13. -8 14. 0.27 15. 95 16. 50 17. $1\frac{300}{1}, 337, 996$ 18. 64 19. 34 20. 33 Wednesday 1. $\frac{10}{10} = 1$ 2. 3 3. 75% of 24 4. 165 5. 0.75 6. False 7. 150 8. 45 9. 20 10. 5.91 11. 5 12. -4 13. 0.84 14. 5 15. + 16. C 17. km 18. False 19. 96 20. 50, 5 WEEK 39 pages 116–118	9. 0.56 10. 1 11. 0.75 12. 15 13. 0.155 14. 75 15. True 16. add 3.3 17. $11, \frac{8}{2}, 1\frac{1}{2}$ 18. 1 kg coffee for €4.50 19. 999 999 20. 2 Problem-solving Monday 1. 2,250 2. 48 Tuesday 1. 0.36 2. 0.32 Wednesday 1. 12 and 8 2. 6 and 9 Thursday 1. $\frac{1}{4}$ 2. $\frac{1}{4}$ Wednesday 1. 7 2. 49 3. 10 4. 16.509 5. prism 6. ml 7. 20 8. 5,250 9. 118 10. 25 11. 90 12. $\frac{2}{3}$ 13. True 14. 80 15. 720 16. 0.15 17. 40 18. 5,250 19. 118 20. 25% of 100 21. B 22. 8 23. $3\frac{3}{4}$ 24. 10 25. 45 WEEK 40 pages 119–121	3. $\frac{2}{10}$ (or $\frac{1}{5}$) 4. 3 5. 5.4 6. 12,000 7. 6.30 a.m. 8. x, + 9. 75 10. 3 11. heptagon 12. 0.24 13. 4 14. 5 15. 20 16. 36 17. Teacher check 18. 31 19. yes 20. 750 Tuesday 1. 48 2. 6,500,000 3. 9 4. 150 5. 20 6. 3 7. 125 8. 40 9. 2,000 10. 8,780 11. 3 12. 18.077 13. 1.45 14. 15. 1 16. 4 17. thousands 18. 2 19. 10 20. 6 Wednesday 1. 3,025,000 2. 28 3. 25 4. 80 5. 16 6. Teacher check 7. 90 8. 5,000 9. 10 10. 50% of 50 11. 5 hours 45 minutes 12. 0.51 13. 8.7 14. 28 15. True 16. 2,590 17. 4.2

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

18. 22
19. $\frac{5}{6}$
20. 60
Thursday
1. □
2. 12
3. 11
4. 8
5. $\frac{1}{10}$
6. 055
7. 32
8. 9
9. +5 hours
10. 5
11. octagon
12. 6
13. 16
14. 16
15. 128
16. True
17. 3,920
18. $\frac{3}{4}$
19. 875
20. 120

19. 150
20. 4
21. 121
22. 6
23. 3,900,000
24. 25
25. C

Problem-solving

Monday

1. Teacher check
600 mL each colour
2. 175

Tuesday

1. F
2. E

Wednesday

1. 64
2. 30

Thursday

1. $\frac{7}{25}$
2. 225

Friday Review

1. 8.30 a.m.
2. 120
3. $\frac{3}{10}$
4. 24,000
5. 180
6. 3.6
7. 
8. 4.5
9. False
10. m
11. 0.32
12. -9
13. 4
14. 92
15. 24
16. 36
17. 16
18. 180,000