

Tuesday 1<sup>st</sup> Dec

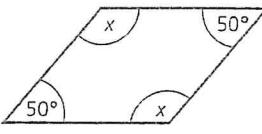
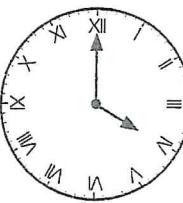
Mental Arithmetic 4 Answers

**A** **Answer**

- 1  $6.07 =$  hundredths      607 hundredths
- 2 Write as a 24-hour clock time  
16 minutes after midnight.      00:16
- 3 Write as a decimal  $200 + \frac{3}{10} + \frac{9}{100}$       200.39
- 4  $485\,472 + 10\,303 =$       495 775
- 5 Find the value of  $x$  if  $54 \div 9 = 30 \div x$       5
- 6 £1.00 – (four 10ps + nine 5ps) = p      15p
- 7  $40^\circ + 65^\circ +$   $^\circ = 180^\circ$       75°
- 8  $\frac{1000}{8} =$       125
- 9 £4.86 = 10ps + 6p      48 10ps
- 10 ml  $\times 10 = 2l$       200ml
- 11 £2.34  $\div 6 =$  p      39p
- 12 425g + 70g + 87g = kg      0.582kg

Tues 1<sup>st</sup> Dec.

**C** **Answer**

- 1 By how many is  $10^2$  greater than  $9^2$ ?      19
- 2 How many  
a tenths are equal to 50.6      a 506 tenths  
b hundredths are equal to 40.75?      b 4075 hundredths
- 3  The four angles of any quadrilateral together equal  $360^\circ$ .  
Find in degrees the size of the angles marked  $x$ .      130°
- 4 Seven nails have a mass of 50g.  
How many nails have a mass of  $\frac{1}{2}$ kg?      70
- 5  Through how many degrees does the hour hand of a clock turn from noon to 4.00 p.m.?      120°

**B** **Answer**

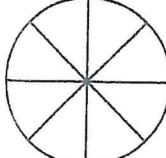
- 1 Add 5 to  $7^2$ .      54
- 2 Change these times to 12-hour clock times using a.m. or p.m.  
a 07:05      a 7.05 a.m.  
b 23:20      b 11.20 p.m.
- 3 Decrease £1.34 by 40p.      94p
- 4 Write to the nearest whole number.  
a  $9\frac{7}{10}$       a 10  
b  $20\frac{2}{5}$       b 20

- 5 By how many metres is 1850m less than 3km?      1150m

- 6 Find the total of fifteen 20ps and twelve 10ps.      £4.20

- 7 What is the difference in millilitres between  $\frac{3}{4}$ l and 580ml?      170ml

- 8 How many grams are equal to 0.3kg?      300g

- 9  How many degrees are there in each of the equal angles at the centre of the circle?

45°

- 10  $\frac{1}{2}$ kg costs £1.60. Find the cost of 100g.      32p

- 11 Find the area of a square with sides of 40cm.      1600cm<sup>2</sup>

- 12  $612 \div y = 6$ . Find  $y$ .      102

- 10 A game which costs £17.50 is paid for at the rate of 50p per week. How many payments are made?      35

- 11 A bus runs at 20min intervals. If the first bus leaves at 07:30, find the starting time of the third bus.      08:10

- 12 What is the cost of 1kg 200g at 35p per kilogram?      42p

Wednesday 2<sup>nd</sup> Dec  
SECTION 1 | Test 8

**Page 29 - The History of Castles****Section A**

- 1) William  
2) castle  
3) wood  
4) stone  
5) moat  
6) drawbridge.

**Section B**

1)	Battlements
	Dormitories
	Great Hall
	Guardroom
	Store Room
	Dungeon

- 2) They had defeated them and ruled over them/they had taken away their freedom.  
 3) Accept an answer that indicates the Normans were afraid the Saxons would cause trouble and they needed some sort of defence quickly.  
 4) A strong iron fence that could be lowered very quickly to stop enemies from entering the castle.  
 5) The defenders could fire on the attackers and prevent them from reaching the walls.  
 6) If the attackers laid siege to the castle and prevented anyone from leaving, the defenders would need water inside the walls so that they would not die of thirst.  
 7) Accept answers that include: safety in numbers, combining skills, company etc.  
 8) 'Well organised' implies well supplied and well prepared. 'mobile' implies being able to move quickly.

**Page 34 Proper adjectives**Thursday 3<sup>rd</sup> Dec

A	1 Spanish	4 Chinese	7 Maltese	9 Alpine
	2 Greek	5 Dutch	8 Norwegian	10 Swedish
	3 Venetian	6 Israeli		
B	1 Greek	4 Swiss	7 Icelandic	9 Alpine
	2 Mexican	5 Turkish	8 Venetian	10 Finnish
	3 Belgian	6 Portuguese		

**Page 31 - The Family Outing****Section A**

- 1) plenty of  
2) boring  
3) too young.  
4) we can't afford it.  
5) high wire walk  
6) fun pool

**Section B**

- 1) Accept an answer that indicates Faith is being sarcastic and doesn't really think the outing is special.  
 2) She is implying that they only ever go where Dad wants to go.  
 3) They couldn't afford it, it was too cold and they might hurt themselves.  
 4) Open ended but could include answers that imply Faith thought he was a coward or that she wanted to annoy him and 'wind him up'.  
 5) They thought it wasn't fair; they had been stuck in the car for a long time and they wanted to choose the first activity.  
 6) Faith was a poor loser.  
 7) 'Why can't we go skiing?' and 'crumbly ruin of a castle'. Accept answers that imply she wanted to be doing something else and didn't think much of a visit to a castle.  
 8) Irritated, annoyed and fed up. Dad already had the children moaning and now Mum was as well.

Friday 4<sup>th</sup> Dec

Thursday 3<sup>rd</sup> Dec

# Long Multiplication Practice

## - 3 Digits x 2 Digits Answers

1.

	1	6	1
x		2	3
	4	8	3
	3	2	2
	3	7	0
	3	7	0

2.

	2	3	2
x		2	6
	1	3	9
	4	6	4
	6	0	3
	6	0	3

3.

		6	1	4
x			1	8
	4	9	1	2
	6	1	4	0
	1	1	0	5
	1	1	0	5

4.

		9	6	9
x			9	5
	4	8	4	5
	8	7	2	1
	9	2	0	5
	9	2	0	5

5.

	7	4	0
x		9	6
	4	4	4
	6	6	6
	7	1	0
	7	1	0

6.

	3	6	2
x		5	8
	2	8	9
	1	8	1
	2	0	9
	2	0	9

7.

		3	0	5
x			7	1
	3	0	5	
	2	1	3	5
	2	1	6	5
	2	1	6	5

8.

		3	7	0
x			6	4
	1	4	8	0
	2	2	2	0
	2	3	6	8
	2	3	6	8

9.

	5	8	4
x		1	5
	2	9	2
	5	8	4
	8	7	6
	8	7	6

10.

	8	5	1
x		8	9
	7	6	5
	6	8	0
	7	5	7
	7	5	7

11.

		7	4	9
x			9	8
	5	9	9	2
	6	7	4	1
	7	3	4	0
	7	3	4	0

12.

		4	8	2
x			2	3
	1	4	4	6
	9	6	4	0
	1	1	0	8
	1	1	0	8

13.

	6	4	6
x		1	0
			0
	6	4	6
	6	4	6
	6	4	6

14.

	7	0	9
x		1	7
	4	9	6
	7	0	9
	1	2	0
	1	2	0

15.

		9	1	4
x			5	7
	6	3	9	8
	4	5	7	0
	5	2	0	9
	5	2	0	9

16.

		7	1	8
x			4	5
	3	5	9	0
	2	8	7	2
	3	2	3	1
	3	2	3	1