Year 4 Maths Activity Mat

Section 1

Order these numbers from smallest to largest:

6788 8677 7866 8766

Section 2

Fill in the missing numbers on this number line:

-4		0			6	

Section 3

Convert these times to 24 hour clock:

a. 1.34pm = ____

b. 10.43pm = ____

c. 4.22pm = ____

d. 9.12pm = ____

Section 4

A postman drives 42 miles a day. How many miles will he drive in 5 days to the nearest 10 miles? Nearest 100 miles?

nearest 10 miles = ____

nearest 100 miles = ____

Section 5

Fill in the missing numbers:

	8	7	1
–	1	9	9
	6	7	

Section 6

Milly has a piece of ribbon 75cm long. She cuts it into 3 equal pieces. How long is each piece?

____

Section 7

Asha bought a bag priced at £10.25 and a hair brush for £2.50. How much did she spend altogether?

____

Section 8

Write the decimals which match the fractions:

	Decimal
$\frac{1}{10}$	
$\frac{3}{4}$	

Year 4 Maths Activity Mat: 1

Answers

Section 1

Order these numbers from smallest to largest:

6788 8677 7866 8766

6788	**7866**	**8677**	**8766**

Section 2

Fill in the missing numbers on this number line:

-4	**-2**	0	**2**	**4**	6	**8**

Section 3

Convert these times to 24 hour clock:

a. 1.34pm = **13.34**

b. 10.43pm = **22.43**

c. 4.22pm = **16.22**

d. 9.12pm = **21.12**

Section 4

A postman drives 42 miles a day. How many miles will he drive in 5 days to the nearest 10 miles? Nearest 100 miles?

nearest 10 miles = **210 miles**

nearest 100 miles = **200 miles**

Section 5

Fill in the missing numbers:

	8	7	1
–	1	9	9
	6	7	**2**

Section 6

Milly has a piece of ribbon 75cm long. She cuts it into 3 equal pieces. How long is each piece?

25cm

Section 7

Asha bought a bag priced at £10.25 and a hair brush for £2.50. How much did she spend altogether?

£12.75

Section 8

Write the decimals which match the fractions:

	Decimal
$\frac{1}{10}$	**0.1**
$\frac{3}{4}$	**0.75**

Year 4 Maths Activity Mat

②

Section 1

Complete the calculation:

170 x 4 = ☐

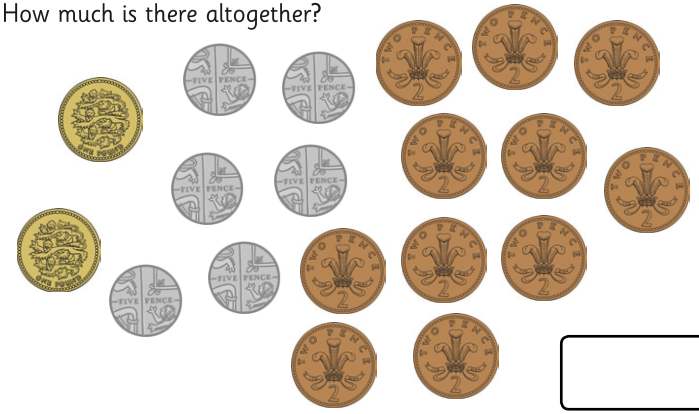
120 x 8 = ☐

190 x 3 = ☐

220 x 4 = ☐

Section 2

How much is there altogether?



☐

Section 3

Complete the following calculations:

	1	6	8	4	0
–		3	4	5	7

	2	5	8	1	9
–		1	3	9	4

	1	8	5	9	3
–		3	7	5	9

Section 4

There are 124 horses in a field. Half of the horses are coloured brown. 38 horses go into the stables. How many are left in the field?

☐

Section 5

Look at these numbers:

5 9 12 20 30

Find the product of the three smallest numbers.

☐

Section 6

How many hours are in:

300 minutes = ☐

420 minutes = ☐

210 minutes = ☐

135 minutes = ☐

Section 7

What's the Magic Number?

Complete the grid.

X			
8			96
3	30		
5		45	

Section 8

Draw a rectangle with sides of 14.5cm and 12.5cm. What is the perimeter of the rectangle?

☐

Year 4 Maths Activity Mat: 2

Answers

Section 1

Complete the calculation:

170 x 4 = **680**

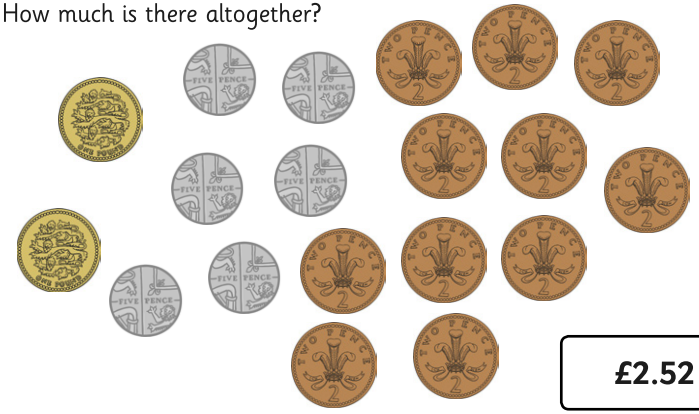
120 x 8 = **960**

190 x 3 = **570**

220 x 4 = **880**

Section 2

How much is there altogether?



£2.52

Section 3

Complete the following calculations:

	1	6	8	4	0
–		3	4	5	7
	1	3	3	8	3

	2	5	8	1	9
–		1	3	9	4
	2	4	4	2	5

	1	8	5	9	3
–		3	7	5	9
	1	4	8	3	4

Section 4

There are 124 horses in a field. Half of the horses are coloured brown. 38 horses go into the stables. How many are left in the field?

86

Section 5

Look at these numbers:

5 9 12 20 30

Find the product of the three smallest numbers.

540

Section 6

How many hours are in:

300 minutes = **5 hours**

420 minutes = **7 hours**

210 minutes = **$3\frac{1}{2}$ hours**

135 minutes = **$2\frac{1}{4}$ hours**

Section 7

What's the Magic Number?

Complete the grid.

X	**10**	**9**	**12**
8	**80**	**72**	96
3	30	**27**	**36**
5	**50**	45	**60**

Section 8

Draw a rectangle with sides of 14.5cm and 12.5cm. What is the perimeter of the rectangle?

54cm

Year 4 Maths Activity Mat

③

Section 1

Write this number:

Four thousand, three hundred and six

In the number 23 648, what place value does the 3 represent?

Section 2

Calculate the following in your head:

55 + 60 =

45+ 36 =

52 – 22 =

21 – 12 =

Section 3

Calculate:

2.3 x 100 =

5.1 x 100 =

231 ÷ 100 =

622 ÷ 100 =

Section 4

Round to the nearest whole number:

2.3 →

4.6 →

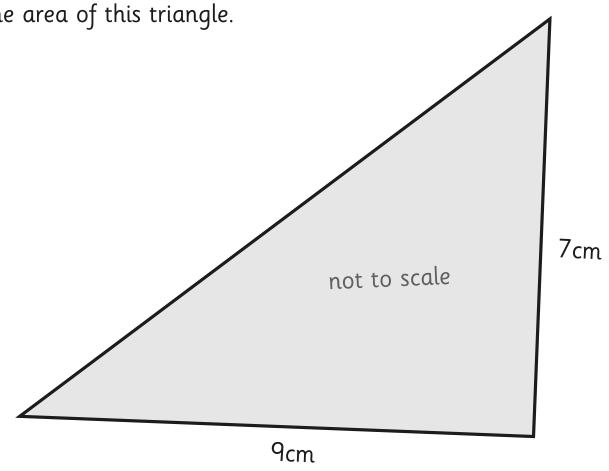
5.9 →

Section 5

Tickets to the skating rink cost £17 for children and £23 for adults. What is the total cost for 2 adults and 3 children?

Section 6

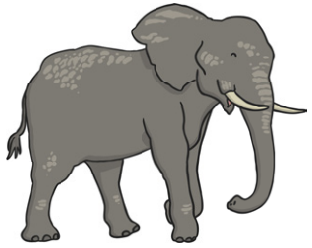
Find the area of this triangle.



Section 7

Order these from smallest to largest:

8.8 8.3 8.9 8.5 8.1

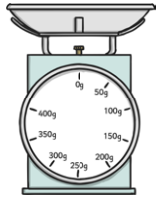


Section 8

Convert these weights to grams or kilograms:

4500g =

5.2kg =



Year 4 Maths Activity Mat: 3

Answers

Section 1

Write this number:

Four thousand, three hundred and six

4306

In the number 23 648, what place value does the 3 represent?

3000

Section 2

Calculate the following in your head:

55 + 60 = **115**

45+ 36 = **81**

52 – 22 = **30**

21 – 12 = **9**

Section 3

Calculate:

2.3 x 100 = **230**

5.1 x 100 = **510**

231 ÷ 100 = **2.31**

622 ÷ 100 = **6.22**

Section 4

Round to the nearest whole number:

2.3 → **2**

4.6 → **5**

5.9 → **6**

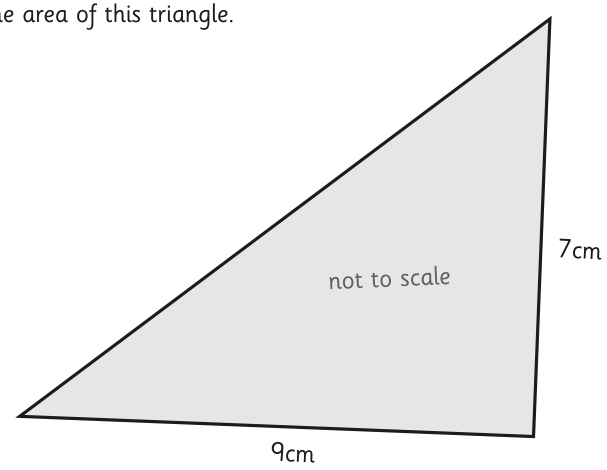
Section 5

Tickets to the skating rink cost £17 for children and £23 for adults. What is the total cost for 2 adults and 3 children?

£97

Section 6

Find the area of this triangle.



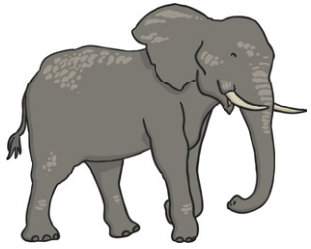
31.5cm²

Section 7

Order these from smallest to largest:

8.8 8.3 8.9 8.5 8.1

8.1	**8.3**	**8.5**	**8.8**	**8.9**

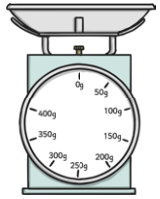


Section 8

Convert these weights to grams or kilograms:

4500g = **4.5kg**

5.2kg = **5200g**

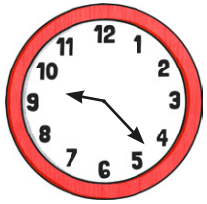


Year 4 Maths Activity Mat

④

Section 1

Write the 24-hour digital time to match the time (pm) shown on the clock.



Section 2

Calculate the following using the partitioning method:

84 x 6 =

Section 3

Fill in the missing fractions to complete this sequence.

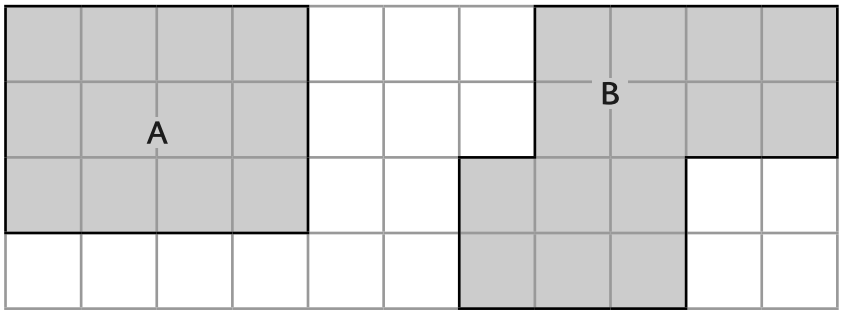
$\frac{82}{100}$			$\frac{85}{100}$			$\frac{88}{100}$

Section 4

On a computer game called Big Foot's Quest, you need 2750 points to reach Level 3. You need another 1550 points to reach Level 4. How many points do you need altogether to reach Level 4?

Section 5

Find the perimeter of A and B. (Each square is 1cm x 1cm)



A =

B =

Section 6

Use the following signs to make these equations true: ≤ ≥

6.74 ☐ 6.73

2.55 ☐ 2.49

Section 7

Ben's mum gave him £28 for his birthday.

His Dad gave him a three quarters of this amount extra.

How much money was Ben given altogether?

Section 8

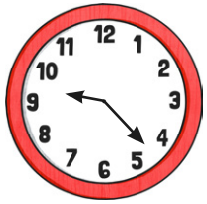
A shop sells three types of sunglasses. What is the difference in price between the most expensive and least expensive sunglasses?

Year 4 Maths Activity Mat: 4

Answers

Section 1

Write the 24-hour digital time to match the time (pm) shown on the clock.



21.23

Section 2

Calculate the following using the partitioning method:

84 x 6 = **504**

Section 3

Fill in the missing fractions to complete this sequence.

82/100	83/100	84/100	85/100	86/100	87/100	88/100

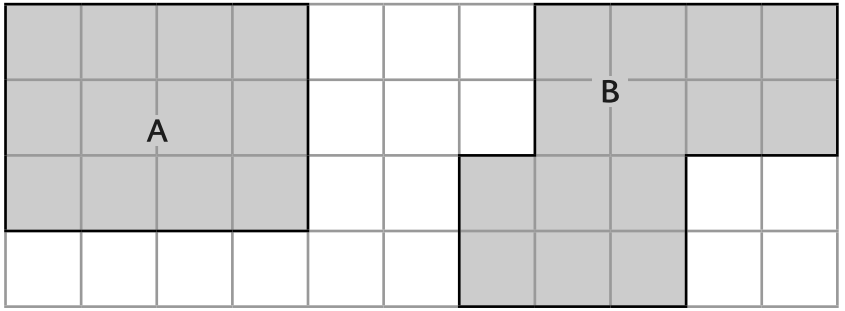
Section 4

On a computer game called Big Foot's Quest, you need 2750 points to reach Level 3. You need another 1550 points to reach Level 4. How many points do you need altogether to reach Level 4?

4300

Section 5

Find the perimeter of A and B. (Each square is 1cm x 1cm)



A = **14cm**

B = **18cm**

Section 6

Use the following signs to make these equations true: < or >

6.74 **>** **6.73**

2.55 **>** **2.49**

Section 7

Ben's mum gave him £28 for his birthday.

His Dad gave him a three quarters of this amount extra.

How much money was Ben given altogether?

£49

Section 8

A shop sells three types of sunglasses. What is the difference in price between the most expensive and least expensive sunglasses?


£4.69


£2.99


£5.85

£2.86

Year 4 Maths Activity Mat

Section 1

What is the value of the bold number?

3**7**82 = ☐

21 **3**01 = ☐

Section 2

Fill the missing digits in:

58 237 = 50 000 + ☐ + 200 + 30 + ☐

63 120 = 60 000 + ☐ + ☐ + 20 + 0

Section 6

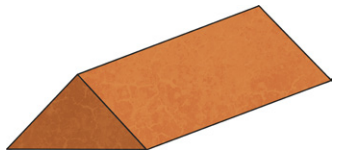
Round each decimal to the nearest whole number:

9.84 = ☐

7.65 = ☐

Section 3

Is there a difference between the number of vertices and faces that this shape has? Explain your answer.



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Section 4

Show your working out to calculate:

29 x 4

Section 7

Write these decimal numbers as a fraction:

0.31 = ☐ 0.52 = ☐

0.63 = ☐ 0.48 = ☐

Section 5

Complete the fraction sequence:

$\frac{1}{3}$	$\frac{2}{3}$	1	$1\frac{1}{3}$					

Section 8

How many right angles are there in one complete turn? Draw a diagram to show this.

Year 4 Maths Activity Mat: 5

Answers

Section 1

What is the value of the bold number?

3**7**82 = **700**

21 **3**01 = **300**

Section 2

Fill the missing digits in:

58 237 = 50 000 + **8000** + 200 + 30 + **7**

63 120 = 60 000 + **3000** + **100** + 20 + 0

Section 6

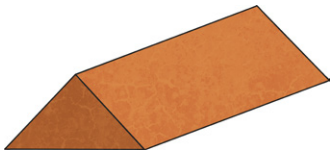
Round each decimal to the nearest whole number:

9.84 = **10**

7.65 = **8**

Section 3

Is there a difference between the number of vertices and faces that this shape has? Explain your answer.



Yes difference of 1

.....

.....

.....

.....

Section 4

Show your working out to calculate:

29 x 4 = 116

Section 5

Complete the fraction sequence:

$\frac{1}{3}$	$\frac{2}{3}$	1	$1\frac{1}{3}$	$1\frac{2}{3}$	2	$2\frac{1}{3}$	$2\frac{2}{3}$	3

Section 7

Write these decimal numbers as a fraction:

0.31 = $\frac{31}{100}$ 0.52 = $\frac{52}{100}$

0.63 = $\frac{63}{100}$ 0.48 = $\frac{48}{100}$

Section 8

How many right angles are there in one complete turn? Draw a diagram to show this.

Four right angles

Year 4 Maths Activity Mat

Section 1

Convert these weights from kilograms to grams:

3.75kg =

5.85kg =

Section 2

Show your working out to calculate:

210 ÷ 30

Section 3

Write each of the following times as a 12-hour time using a.m. or p.m. notation.

16:48 =

13:35 =

Section 4

Dave works at a call centre. Yesterday he was on the phone for a total of three hours and 42 minutes. How long was this in minutes?

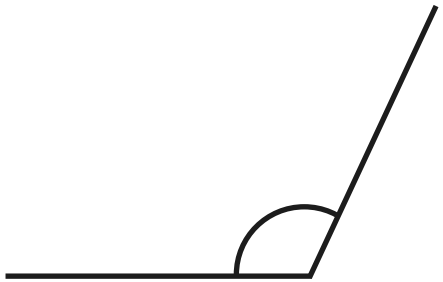
Section 5

Start at -3 and count on 5.

Start at -10 and count on 6.

Section 6

Use a protractor to measure this angle. Is it acute, obtuse or reflex?



Section 7

The Ahmed family have a gift voucher of £110 to spend on rides at Waterworld. All the rides cost £9 per person. How many rides can the Ryan family take between them?

Section 8

Choose four digits. Make the highest and lowest numbers you possibly can. Then subtract the smallest number from the largest number using the column method.

Year 4 Maths Activity Mat: 6

Answers

Section 1

Convert these weights from kilograms to grams:

3.75kg = **3750g**

5.85kg = **5850g**

Section 2

Show your working out to calculate:

210 ÷ 30 = **7**

Section 3

Write each of the following times as a 12-hour time using a.m. or p.m. notation.

16:48 = **4:48pm**

13:35 = **1:35pm**

Section 4

Dave works at a call centre. Yesterday he was on the phone for a total of three hours and 42 minutes. How long was this in minutes?

222 minutes

Section 5

Start at -3 and count on 5.

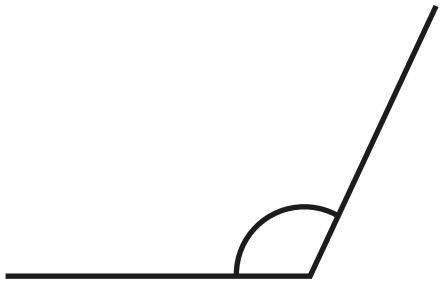
2

Start at -10 and count on 6.

-4

Section 6

Use a protractor to measure this angle. Is it acute, obtuse or reflex?



115 degrees, obtuse

Section 7

The Ahmed family have a gift voucher of £110 to spend on rides at Waterworld. All the rides cost £9 per person. How many rides can the Ryan family take between them?

12 rides

Section 8

Choose four digits. Make the highest and lowest numbers you possibly can. Then subtract the smallest number from the largest number using the column method.

Accept any reasonable answer