Year 4 Maths Activity Mat ①

Section 1

Write this number in digits:

Fourteen thousand, five hundred and twenty-nine.

In the number 67 209, what place value does the 7 represent?

Section 2

Calculate the following in your head:

160 + 45 =

156 - 36 =

199 - 29 =

65 + 35 =

Section 3

Calculate:

6.6 x 100 =

3.5 x 100 =

442 ÷ 100 =

999 ÷ 100 =

Section 4

Round the following to the nearest whole number:

7.1 ⟶
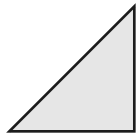
4.6 ⟶

Section 5

Movie tickets are £6.90 per child and £7.60 per adult. How much would it cost for 2 children and 2 adults to see a film?

Section 6

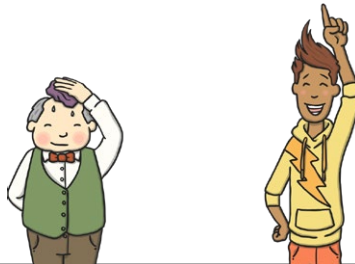Write 4 statements about this triangle.

....

....

....

....

Section 7

Order the numbers from smallest to largest:

9.3   9.1   9.6   9.9   9.5   9.7

smallest   largest

Section 8

Convert these weights:

5500g =   kg

1.1kg =   g

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Year 4 Maths Activity Mat: 1

Answers

Section 1

Write this number in digits:

Fourteen thousand, five hundred and twenty-nine.

14 529

In the number 67 209, what place value does the 7 represent?

7000

Section 2

Calculate the following in your head:

160 + 45 = **205**

156 - 36 = **120**

199 - 29 = **170**

65 + 35 = **100**

Section 3

Calculate:

6.6 x 100 = **660**

3.5 x 100 = **350**

442 ÷ 100 = **4.42**

999 ÷ 100 = **9.99**

Section 4

Round the following to the nearest whole number:

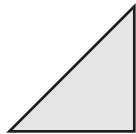7.1 ➝ **7**

4.6 ➝ **5**

Section 5

Movie tickets are £6.90 per child and £7.60 per adult. How much would it cost for 2 children and 2 adults to see a film?

£29

Section 6

Write 4 statements about this triangle.

4 correct statements about the 2D shape. E.g. it has 3 sides, a right-angle, two acute angles, angles add up to 180 degrees.

Section 7

Order the numbers from smallest to largest:

9.3   9.1   9.6   9.9   9.5   9.7

9.1	9.3	9.5	9.6	9.7	9.9

smallest   largest

Section 8

Convert these weights:

5500g = **5.5**kg

1.1kg = **1100**g

Year 4 Maths Activity Mat
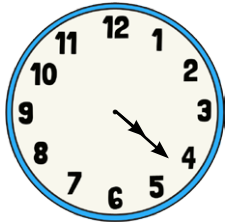
②

Section 1

Write the 24-hour digital time to match this p.m. time.

Section 2

Calculate this using the partitioning method:

56 x 6

Section 3

Fill in the missing boxes to complete the sequence.

$\frac{45}{100}$ ☐ ☐ $\frac{48}{100}$ ☐ ☐

Section 4

There were 5 cars in a garage.

Two cars weighed 1350g each, two weighed 1670g each and the last weighed 1400g.

How much did the cars weigh altogether?

What would the weight be in kg?

Section 5

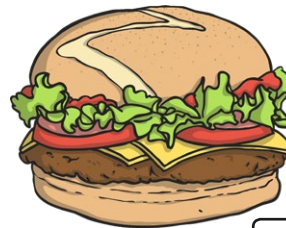A rectangular room measures 10ft by 3.5ft. What is the area of the room?

Section 6

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

6.14		6.03

7.15		4.8

Section 7

Kim wants to have a go on the Hook a Duck that costs £2.50 and buy a burger priced £1.75. How much change will Kim receive from £7?
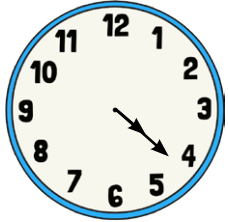
Section 8

Ben and Max go to the bowling alley. Max scored 214 in the first game and 315 in the second round. Ben scored double Max's total score. How much did Ben score?

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Year 4 Maths Activity Mat: 2

Answers

Section 1

Write the 24-hour digital time to match this p.m. time.

16.22

Section 2

Calculate this using the partitioning method:

56 x 6

336

Section 3

Fill in the missing boxes to complete the sequence.

$\frac{45}{100}$ $\boxed{\frac{46}{100}}$ $\boxed{\frac{47}{100}}$ $\frac{48}{100}$ $\boxed{\frac{49}{100}}$ $\boxed{\frac{50}{100}}$

Section 4

There were 5 cars in a garage.

Two cars weighed 1350g each, two weighed 1670g each and the last weighed 1400g.

How much did the cars weigh altogether?

What would the weight be in kg?

7440g and 7.44kg

Section 5

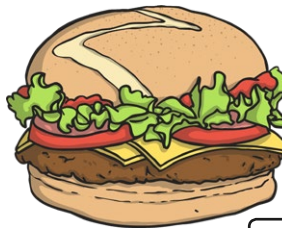A rectangular room measures 10ft by 3.5ft. What is the area of the room?

35ft²

Section 6

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

6.14	>	6.03

7.15	>	4.8

Section 7

Kim wants to have a go on the Hook a Duck that costs £2.50 and buy a burger priced £1.75. How much change will Kim receive from £7?

£2.75

Section 8

Ben and Max go to the bowling alley. Max scored 214 in the first game and 315 in the second round. Ben scored double Max's total score. How much did Ben score?

1058

Year 4 Maths Activity Mat ③

Section 1
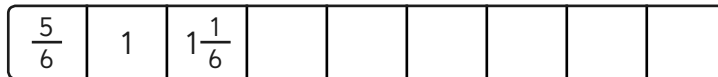What is the value of the bold number?

1**2** 446 = ☐

87 2**2**5 = ☐

93 215 = ☐

59 20**4** = ☐

Section 2
Fill in the missing digits:

66 551 = 60 000 + ☐ + 500 + ☐ +1

Section 5
Complete the sequence:

$\frac{5}{6}$	1	$1\frac{1}{6}$						

Section 3
What 3D shape am I?

I have 6 flat surfaces

12 edges

8 vertices

Draw the shape here:

Section 4
Show your working out to calculate:

42 x 6

☐

Section 6
Round each decimal to the nearest whole number.

3.33 = ☐

8.14 = ☐

2.29 = ☐

Section 7
Write these decimal numbers as a fraction:

0.49 = ☐

0.22 = ☐

0.81 = ☐

0.34 = ☐

Section 8
Which two angles are 90°?

A _____ B
| \
| \
D _____ C

☐

Year 4 Maths Activity Mat: 3

Answers

Section 1

What is the value of the bold number?

1**2** 446 = 2000

87 2**2**5 = 20

93 215 = 90 000

59 20**4** = 4 ones

Section 2

Fill in the missing digits:

66 551 = 60 000 + 6000 + 500 + 50 +1

Section 5

Complete the sequence:

| $\frac{5}{6}$ | 1 | $1\frac{1}{6}$ | $1\frac{2}{6}$ | $1\frac{3}{6}$ | $1\frac{4}{6}$ | $1\frac{5}{6}$ | 2 | $2\frac{1}{6}$ |

Section 3

What 3D shape am I?

I have 6 flat surfaces

12 edges

8 vertices

Draw the shape here:

or
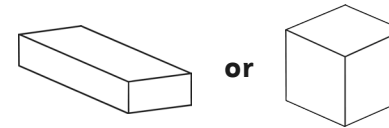
Section 4

Show your working out to calculate:

42 x 6

252

Section 6

Round each decimal to the nearest whole number.

3.33 = 3

8.14 = 8

2.29 = 2

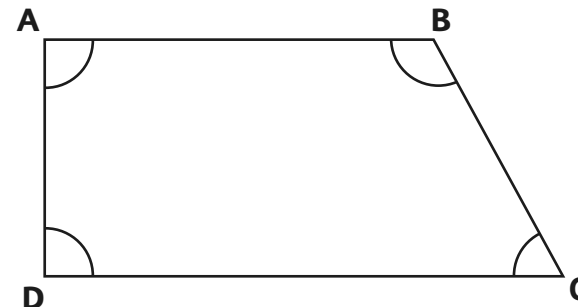## Section 7

Write these decimal numbers as a fraction:

0.49 = $\frac{49}{100}$

0.22 = $\frac{22}{100}$

0.81 = $\frac{81}{100}$

0.34 = $\frac{34}{100}$

Section 8

Which two angles are 90°?

A   B

D   C
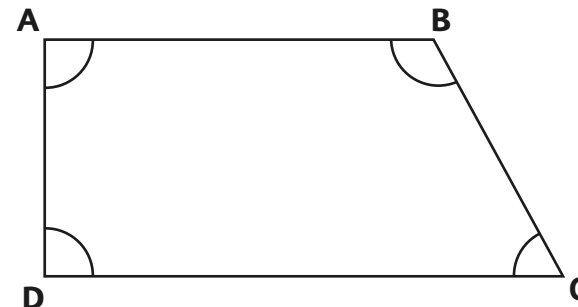
A and D

Year 4 Maths Activity Mat ④

Section 1
Convert these to kg and grams.

5.7kg = [ ]

6100g = [ ]

7.1kg = [ ]

3200g = [ ]

Section 2
Show your working out to calculate:

2400 ÷ 2 =

[ ]

Section 3
Write each of the following times as a 12-hour time using a.m. or p.m. notation.

17.28 = [ ]

22.15 = [ ]

Section 4
If today is the 25th July, how long is it until Christmas Day?

[ ]

Section 5
What number do you end on?

Start at -7 and count back 5.

[ ]

Start at -20 and count back 6.

[ ]

Section 6
Is this angle acute, obtuse or relfex?

[ ]

Section 7
Jodie has 108 tennis balls. How many would she have if she gave half away?

[ ]

How many would she have if she shared the 108 balls between herself and 2 friends?

[ ]

Section 8
Choose 4 digits. Make the highest and lowest numbers you can. Subtract one from the other using the column method.

[ ]

Year 4 Maths Activity Mat: 4

Answers

Section 1

Convert these to kg and grams.

5.7kg = **5700g**

6100g = **6.1kg**

7.1kg = **7100g**

3200g = **3.2kg**

Section 2

Show your working out to calculate:

2400 ÷ 2 =

1200

Section 3

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

17.28 = **5.28pm**

22.15 = **10.15pm**

Section 4

If today is the 25th July, how long is it until Christmas Day?

5 months

Section 5

What number do you end on?

Start at -7 and count back 5.

-12

Start at -20 and count back 6.

-26

Section 6

Is this angle acute, obtuse or relfex?

acute

Section 7

Jodie has 108 tennis balls. How many would she have if she gave half away?

54

How many would she have if she shared the 108 balls between herself and 2 friends?

36

Section 8

Choose 4 digits. Make the highest and lowest numbers you can. Subtract one from the other using the column method.

Accept any reasonable answer. E.g.

$$\begin{array}{r} 9\ 7\ 3\ 1 \\ -\ 1\ 3\ 7\ 9 \\ \hline 8\ 3\ 5\ 2 \\ \hline \end{array}$$

Year 4 Maths Activity Mat

⑤

Section 1

What's the missing number?

$160 \div \boxed{} = 40$

$320 \div 8 = \boxed{}$

$360 \div \boxed{} = 60$

Section 2

How much altogether?

Two £1 coins

One 50p

Two 20ps

Five 5ps

$\boxed{}$

Write the least amount of coins you could use to show the total.

$\boxed{}$

Section 3

Draw a rectangle with sides 4.8cm and 8.2cm. Then work out the perimeter.

perimeter = $\boxed{}$

Section 4

```
  1 7 3 2 2          2 1 0 0 4
-   2 8 9 9        + 3 4 5 9
_____        _____

_____        _____
```

Section 5

A bus drives 32 miles. It stops twice. At the first stop, 8 people get on the bus. At the next stop, double the amount of people who got on at the previous stop, get on. How many people were on the bus after the second stop?

$\boxed{}$

Section 6

$\frac{1}{4}$ of £50 = $\boxed{}$

$\frac{3}{4}$ of 24m = $\boxed{}$

$\frac{2}{8}$ of £40 = $\boxed{}$

$\frac{3}{8}$ of 64m = $\boxed{}$

Section 7

How many minutes and hours are left in the day if the time is:

22:10 =

$\boxed{}$

11:45 =

$\boxed{}$

Section 8

20 tulips cost £8. How much would 50 tulips cost?

$\boxed{}$

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Year 4 Maths Activity Mat: 5

Answers

Section 1

What's the missing number?

$160 \div \boxed{4} = 40$

$320 \div 8 = \boxed{40}$

$360 \div \boxed{6} = 60$

Section 2

How much altogether?

Two £1 coins

One 50p

Two 20ps

Five 5ps

$\boxed{£3.15}$

Write the least amount of coins you could use to show the total.

$\boxed{£2 + £1 + 10p + 5p}$

Section 3

Draw a rectangle with sides 4.8cm and 8.2cm. Then work out the perimeter.

perimeter = $\boxed{26cm}$

Section 4

$$\begin{array}{ccccc} 1 & 7 & 3 & 2 & 2 \\ - & 2 & 8 & 9 & 9 \\ \hline 1 & 4 & 4 & 2 & 3 \end{array}$$

$$\begin{array}{ccccc} 2 & 1 & 0 & 0 & 4 \\ + & 3 & 4 & 5 & 9 \\ \hline 2 & 4 & 4 & 6 & 3 \end{array}$$

Section 5

A bus drives 32 miles. It stops twice. At the first stop, 8 people get on the bus. At the next stop, double the amount of people who got on at the previous stop, get on. How many people were on the bus after the second stop?

$\boxed{24}$

Section 6

$\frac{1}{4}$ of £50 = $\boxed{£12.50}$

$\frac{3}{4}$ of 24m = $\boxed{18m}$

$\frac{2}{8}$ of £40 = $\boxed{£10}$

$\frac{3}{8}$ of 64m = $\boxed{24m}$

Section 7

How many minutes and hours are left in the day if the time is:

22:10 =

$\boxed{1 \text{ hour } 50 \text{ minutes}}$

11:45 =

$\boxed{12 \text{ hours } 15 \text{ minutes}}$

Section 8

20 tulips cost £8. How much would 50 tulips cost?

$\boxed{£20}$

Year 4 Maths Activity Mat ⑥

Section 1
Magic Squares

The sum of each row, column and diagonal is the same.

		11
18	22	
33		

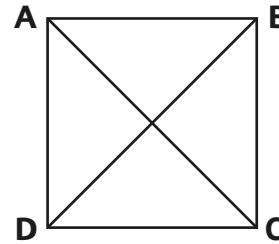## Section 2
Jane runs around her garden 7 times. Altogether she runs 280m. what is the distance of Jane's garden?

Section 3
Identify the parallel and perpendicular lines:

A   B

D   C

AB is _____ to BC

AD is _____ to BC

AC is _____ to BD

Section 4
Write **<, = or >** in each box.

$\frac{2}{5}$		$\frac{4}{10}$
$\frac{1}{4}$		$\frac{3}{16}$

Section 5
Find the product of the three smallest numbers.

5   9   12   20   30

Section 6
I think of a number.

It is between 20 and 30.

It is odd.

Its tens digit is half of 40.

Its digits have a total of 3.

What is my number?

Section 7
What's the answer?

(6 x 10) + (5 x 2) =

(10 x 2) + (11 x 5) =

(9 x 5) + (4 x 10) =

Section 8
Write the time in 24-hour digital notation.

Twenty two minutes to six in the evening.

Quarter to five in the evening.

Twenty five to eight in the evening.

Year 4 Maths Activity Mat: 6

Answers

Section 1

Magic Squares

The sum of each row, column and diagonal is the same.

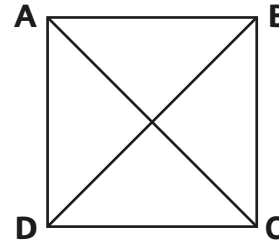| 15	40	11
18	22	26
33	4	29

Section 2

Jane runs around her garden 7 times. Altogether she runs 280m. what is the distance of Jane's garden?

40m

Section 3

Identify the parallel and perpendicular lines:

A ⬚ B
D ⬚ C

AB is __**perpendicular**__ to BC

AD is __**parallel**__ to BC

AC is __**perpendicular**__ to BD

Section 4

Write **<, = or >** in each box.

$\frac{2}{5}$	=	$\frac{4}{10}$
$\frac{1}{4}$	>	$\frac{3}{16}$

Section 8

Write the time in 24-hour digital notation.

Twenty-two minutes to six in the evening.

17:38

Quarter to five in the evening.

16:45

Twenty-five to eight in the evening.

19:35

Section 5

Find the product of the three smallest numbers.

5 9 12 20 30

540

Section 6

I think of a number.

It is between 20 and 30.

It is odd.

Its tens digit is half of 40.

Its digits have a total of 3.

What is my number?

21

Section 7

What's the answer?

$(6 \times 10) + (5 \times 2) =$ **70**

$(10 \times 2) + (11 \times 5) =$ **75**

$(9 \times 5) + (4 \times 10) =$ **85**