

Year 5- Oasis Academy fir Vale

Maths Activity- Mat 1

Section 1

Order the following numbers from smallest to largest.

1212 1122 2112 1221

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smallest

largest

Section 2

Three children have £4.85 altogether. None has more than £2 or less than £1. How much could they each have?

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Section 3

Eric wants some pizzas cut into 16 pieces. He could have one pizza cut into 16 pieces. Explain 3 other ways he could share some pizzas into 16 pieces.

___ pizzas cut into ___ pieces.

___ pizzas cut into ___ pieces.

___ pizzas cut into ___ pieces.

Section 4

Match the mixed fractions and improper fractions.

$\frac{7}{2}$	$2\frac{3}{4}$
$\frac{8}{3}$	$2\frac{2}{3}$
$\frac{11}{4}$	$3\frac{1}{2}$

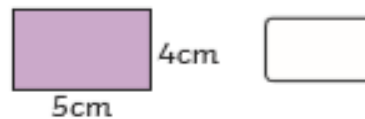
Section 5

Match the following fractions to the equivalent decimal fraction.

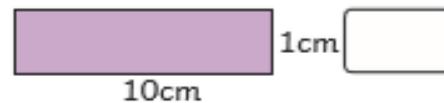
$\frac{1}{5}$	0.75
$\frac{3}{4}$	0.5
$\frac{1}{2}$	0.2

Section 6

Calculate the perimeter of these rectangles:



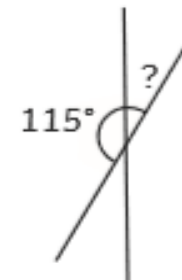




*not to scale

Section 7

Calculate the missing angle:



*not to scale

Section 8

Estimate the capacity of a glass of water in millilitres.



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Maths Activity- Mat 2

Section 1

In the number 7341, which digit represents the thousands?

In the number 8093, what place value does the 9 represent?

Section 2

Calculate the following in your head:

$31 + 15 = \square$

$24 + 42 = \square$

$67 - 24 = \square$

$56 - 34 = \square$

Section 3

Calculate:

$67 \times 10 = \square$

$102 \times 10 = \square$

$290 \div 10 = \square$

$3090 \div 10 = \square$

Section 4

Use the < or > signs to compare these fractions:

$\frac{2}{3}$	\square	$\frac{1}{3}$
$\frac{5}{5}$	\square	$\frac{3}{8}$
$\frac{2}{5}$	\square	$\frac{3}{5}$

Section 5

Write the following decimals in words:

4.6 = _____

2.9 = _____

1.1 = _____

5.8 = _____

Section 7

Complete the table to convert between millilitres and litres.

Millilitres	Litres
150ml	
	4.6l
2400ml	

Section 8

Here is a table showing the number of children who had a hot or cold meal on a particular day. Complete the table.

	5A	5B	5C	Total
Hot	18	23		
Cold		7	9	
Total	29		28	

Section 6

Put a tick inside any regular triangle.



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Maths Activity- Mat 3

Section 1

Count forwards in 10s

34			
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183			
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Count forwards in 100s

319			
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862			
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Section 2

Tick the statements that are true:

3 is a prime number

5 is not a prime number

15 is a prime number

Section 3

Calculate:

$2 \times 6 =$

$5 \times 8 =$

$4 \times 4 =$

$9 \times 11 =$

Section 4

Shade the following shapes so the same fraction is shaded in all.



Section 5

Round the following numbers to the nearest whole number:

6.4 9.6

19.5 199.7

Section 6

Jenny walks to school. It takes her 35 minutes. She leaves at 7.55 a.m. What time will she arrive at school?

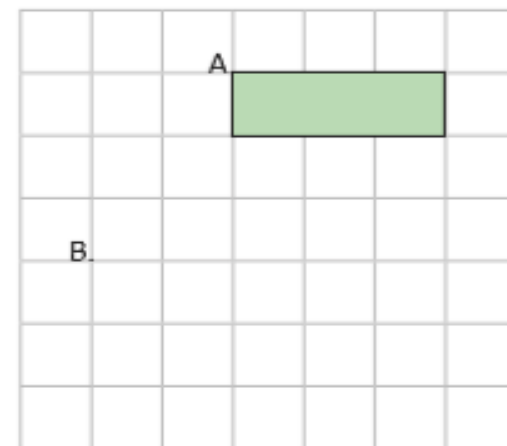
Section 7

On this grid draw a rectangle where the longer side is three times the length of the shorter side.



Section 8

Translate this shape from point A to point B



Year 5- Oasis Academy Fir Vale

Maths Activity- Mat 4

Section 1

The temperature outside is -3°C . The temperature inside is 19°C . What is the difference in the temperature outside and inside?

22°C

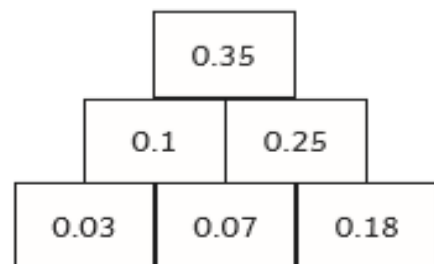
Section 2

A high speed train has 6 coaches of 74 seats and 2 coaches of 48 seats. There are 12 trains a day from Sheffield to London. How many seats are there on all the trains from Sheffield to London rounded to the nearest 100?

6500

Section 5

Adjacent squares are added together to give the number above. Complete the number wall.



Section 6

1kg = 2.2lb (pounds)

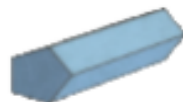
Complete the following:

15kg = 33lb

50kg = 110lb

Section 7

Write the name of these shapes.



pentagonal prism



tetrahedron

Section 3

Calculate:

$$\begin{array}{r} 692 \\ + 236 \\ \hline 928 \end{array} \qquad \begin{array}{r} 518 \\ - 276 \\ \hline 242 \end{array}$$

Section 4

Order the following fractions from smallest to largest.

$$\frac{1}{5} \quad \frac{3}{10} \quad \frac{4}{15} \quad \frac{1}{10}$$

$\frac{1}{10}$	$\frac{1}{5}$	$\frac{4}{15}$	$\frac{3}{10}$
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Section 8

Children count the number of children who have a jacket potato each day.

Week	Number of children who have a jacket potato
Monday	13
Tuesday	24
Wednesday	19
Thursday	20
Friday	5

What is the highest number of children who could have had a jacket potato every day?

5

Why do you think only 5 people had a jacket potato on Friday?

answers will vary

Year 5- Oasis Academy Fir Vale

Maths Activity- Mat 5

Section 1

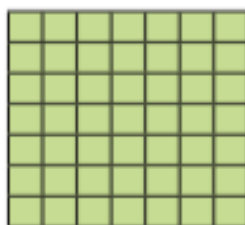
Write these Roman Numerals as numbers:

XXXVI

LXXIX

Section 2

What square number does this represent?



Section 3

Calculate:

$$\begin{array}{r} 209 \\ \times 5 \\ \hline \\ \hline 3 \overline{)675} \end{array}$$

Section 4

Calculate:

$$\frac{3}{5} + \frac{1}{5} = \text{[]}$$

$$\frac{9}{10} - \frac{3}{10} = \text{[]}$$

Section 5

Write the following fractions as decimals:

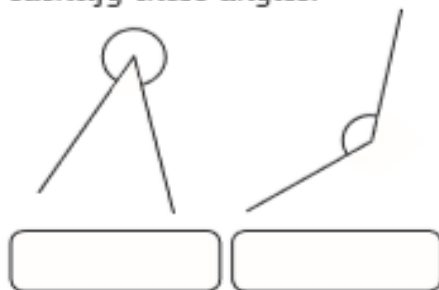
$$\frac{9}{10} \text{ []}$$

$$\frac{4}{10} \text{ []}$$

$$\frac{1}{10} \text{ []}$$

Section 7

Identify these angles:



Section 8

Lane swimming 1	07:00
Parent and toddler	10:00
Lane swimming 2	11:30
Adult lessons	12:45
Lane swimming 3	14:15
Leisure swim	15:45
Child lessons	17:00
Leisure swim	18:30
Lane swimming 4	20:00
Pool closes	21:30

Use the swimming pool time table to answer these questions.

Which is the longest lane swimming session?

For how long are there swimming lessons?

Section 6

What is the total volume in litres of milk drink sold in a pack of seven 65ml cartons?

Year 5- Oasis Academy Fir Vale

Maths Activity- Mat 6

Section 1

I am a two-digit number.

I am even.

I have five more ones than tens.

The sum of my digits is 11.

What number am I?

Section 2

Write the factor pairs of 14.

Write the common factors of 5 and 15.

Section 3

64 equal pieces of pizza are cut from 8 pizzas. Into how many pieces is each pizza cut?

Section 4

Use this visual representation to calculate:

$$1\frac{2}{3} \times 2 = \text{[]}$$



Section 5

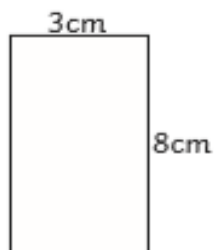
Ring the correct percentage to match the following fractions:

$\frac{1}{4}$ 50% 25% 75%

$\frac{3}{4}$ 30% 75% 40%

Section 6

What is the area of this rectangle?



Section 7

Draw an angle of 60°

Section 8

Reflect this shape about the line AB

