

Year 5 Spring 1 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

$\frac{3}{4}$

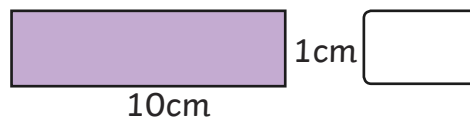
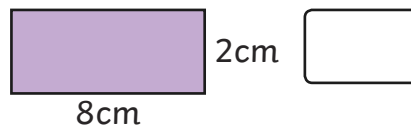
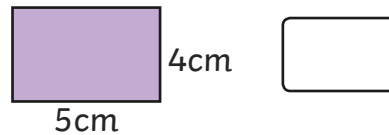
0.5

$\frac{1}{2}$

0.2

Section 6

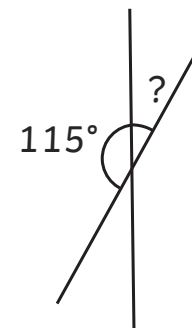
Calculate the perimeter of these rectangles:



*not to scale

Section 7

Calculate the missing angle:



*not to scale

Section 8

Estimate the capacity of a glass of water in millilitres.



Year 5 Spring 1 Maths Activity Mat 1 - Answers

Section 1

Order the following numbers from smallest to largest.

1212 1122 2112 1221

1122	1212	1221	2112
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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?

Any 3 amounts that totals £4.85.

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.

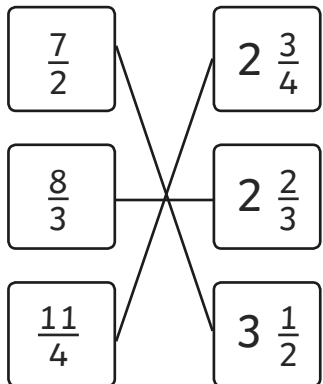
16 pizzas cut into 1 pieces.

2 pizzas cut into 8 pieces.

4 pizzas cut into 4 pieces.

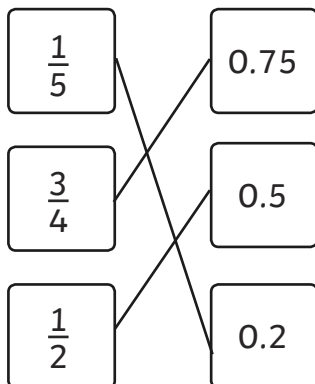
Section 4

Match the mixed fractions and improper fractions.



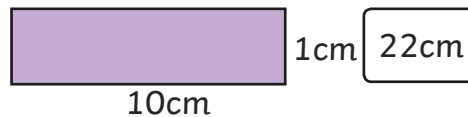
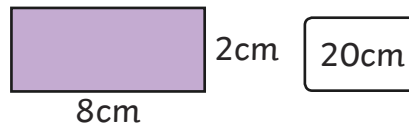
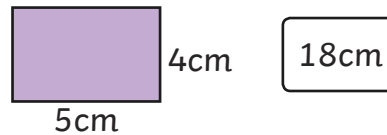
Section 5

Match the following fractions to the equivalent decimal fraction.



Section 6

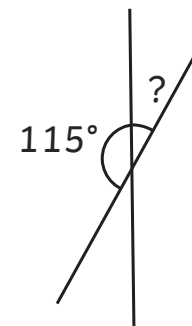
Calculate the perimeter of these rectangles:



*not to scale

Section 7

Calculate the missing angle:



65°

*not to scale

Section 8

Estimate the capacity of a glass of water in millilitres.



around 200ml

Year 5 Spring 1 Maths Activity Mat 1

Section 1

Order the following numbers from smallest to largest.

78778 87887 77887 88778 77878

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smallest

largest

Section 2

Four children have £17.46 altogether. None has more than £5 or less than £4. How much could they each have?

Section 3

Eric wants some pizzas cut into 24 pieces. He could have two pizzas cut into 12 pieces. Explain 4 other ways he could share some pizzas into 24 pieces.

- ___ pizzas cut into ___ pieces.
- ___ pizzas cut into ___ pieces.
- ___ pizzas cut into ___ pieces.
- ___ pizzas cut into ___ pieces.

Section 4

Match the mixed fractions and improper fractions.

$\frac{13}{5}$

$2\frac{1}{5}$

$\frac{11}{5}$

$3\frac{2}{5}$

$\frac{17}{5}$

$2\frac{3}{5}$

Section 5

Write the equivalent to the fractions and decimal fractions.

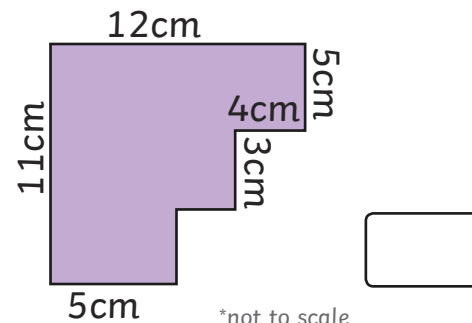
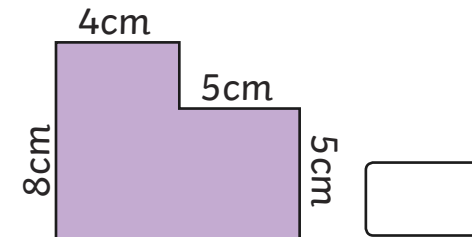
0.75

$\frac{3}{10}$

$\frac{1}{8}$

Section 6

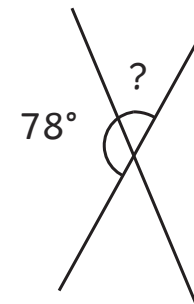
Calculate the perimeter of these rectangles:



*not to scale

Section 7

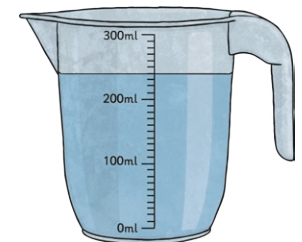
Calculate the missing angle:



*not to scale

Section 8

Estimate the capacity of a jug of water in millilitres.



Year 5 Spring 1 Maths Activity Mat 1 - Answers

Section 1

Order the following numbers from smallest to largest.

78778 87887 77887 88778 77878

77878	77887	78778	87887	88778
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smallest

largest

Section 2

Four children have £17.46 altogether. None has more than £5 or less than £4. How much could they each have?

Any 4 amounts that totals
£17.46.

Section 3

Eric wants some pizzas cut into 24 pieces. He could have two pizzas cut into 12 pieces. Explain 4 other ways he could share some pizzas into 24 pieces.

1 pizzas cut into 24 pieces.

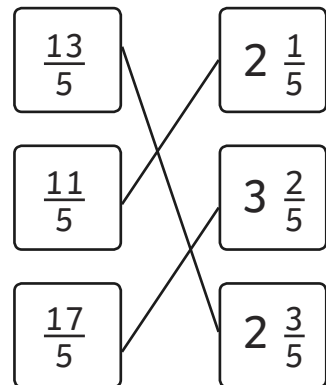
12 pizzas cut into 2 pieces.

3 pizzas cut into 8 pieces.

6 pizzas cut into 4 pieces.

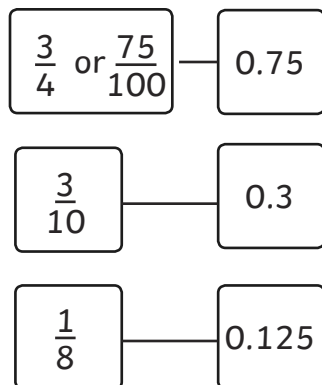
Section 4

Match the mixed fractions and improper fractions.



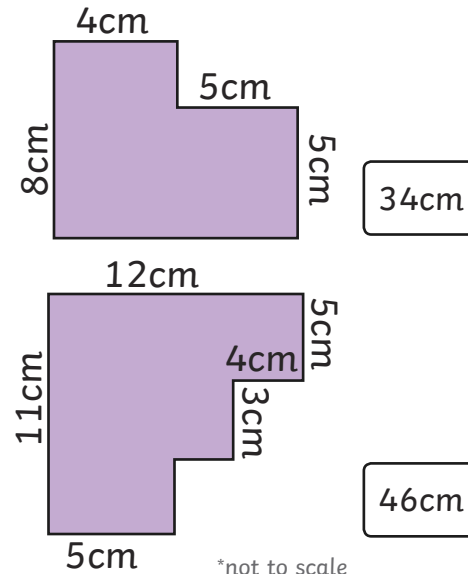
Section 5

Write the equivalent to the fractions and decimal fractions.



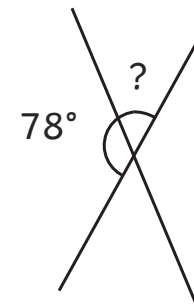
Section 6

Calculate the perimeter of these rectangles:



Section 7

Calculate the missing angle:

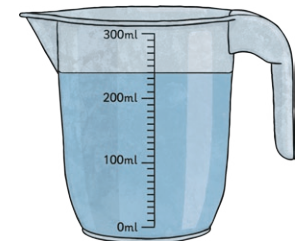


102°

*not to scale

Section 8

Estimate the capacity of a jug of water in millilitres.



240ml

Year 5 Spring 1 Maths Activity Mat 1

Section 1

Order the following numbers from smallest to largest:

50050 15050 50105 15015 50015

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smallest

largest

Section 2

Five children have £23.09 altogether. Three have between £5 and £6, and 2 have between £3 and £4. How much could they each have?

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Section 3

Eric wants some pizzas cut into 60 pieces. Explain all other ways he could share some pizzas into 60 pieces.

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Section 4

Complete the mixed fractions and improper fractions so each pair is equivalent.

$\frac{17}{3}$	—	$3\frac{2}{3}$
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$\frac{13}{2}$	—	$2\frac{1}{2}$
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$\frac{14}{3}$	—	$3\frac{2}{3}$
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Section 5

Write the equivalent to the fractions and decimal fractions.

	—	0.35
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$\frac{7}{8}$	—	
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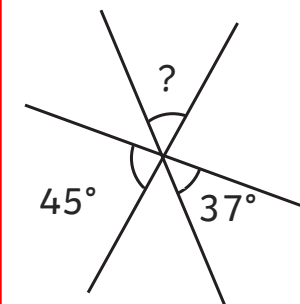
$\frac{4}{5}$	—	
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Section 6

Draw a rectilinear octagon with a perimeter of 52cm. (not to scale). Mark all the necessary measurements.

Section 7

Calculate the missing angle:



*not to scale

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Section 8

Estimate the capacity a bucket of water in litres.



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Year 5 Spring 1 Maths Activity Mat 1 - Answers

Section 1

Order the following numbers from smallest to largest:

50050 15050 50105 15015 50015

15 015	15 050	50 015	50 050	50 105
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smallest

largest

Section 2

Five children have £23.09 altogether. Three have between £5 and £6, and 2 have between £3 and £4. How much could they each have?

Section 3

Eric wants some pizzas cut into 60 pieces. Explain all other ways he could share some pizzas into 60 pieces.

1 – 60, 2 – 30, 3 – 20, 4 – 15, 5 – 12, 6 – 10, 10 – 6, 12 – 5, 15 – 4, 20 – 3, 30 – 2, 60 – 1

Section 4

Complete the mixed fractions and improper fractions so each pair is equivalent.

$$\frac{17}{5} \quad \text{---} \quad 3 \frac{2}{5}$$

$$\frac{13}{6} \quad \text{---} \quad 2 \frac{1}{6}$$

$$\frac{14}{4} \quad \text{---} \quad 3 \frac{2}{4}$$

Section 5

Write the equivalent to the fractions and decimal fractions.

$$\frac{7}{20} \quad \text{---} \quad 0.35$$

$$\frac{7}{8} \quad \text{---} \quad 0.875$$

$$\frac{4}{5} \quad \text{---} \quad 0.8$$

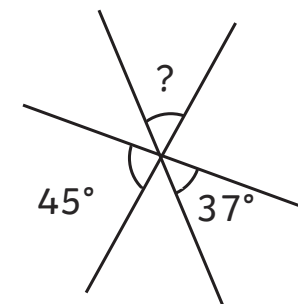
Section 6

Draw a rectilinear octagon with a perimeter of 52cm. (not to scale). Mark all the necessary measurements.

Various answers

Section 7

Calculate the missing angle:



*not to scale

98°

Section 8

Estimate the capacity a bucket of water in litres.



4 – 8 litres