

Year 5 Spring 1 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.

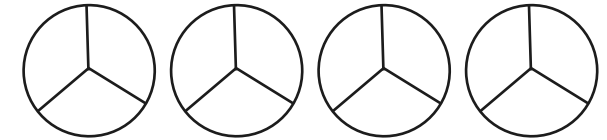
Section 3

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

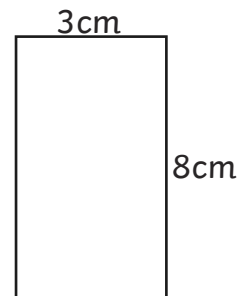
Ring the correct percentage to match the following fractions:

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

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

Section 6

What is the area of this rectangle?

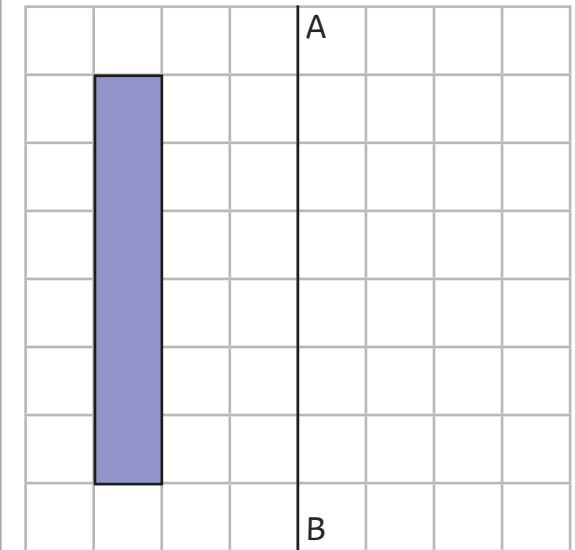


Section 7

Draw an angle of 60°

Section 8

Reflect this shape about the line AB



Year 5 Spring 1 Maths Activity Mat 6 Answers

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?

38

Section 2

Write the factor pairs of 14.

$1 \times 14, 2 \times 7,$

Write the common factors of 5 and 15.

1, 5

Section 3

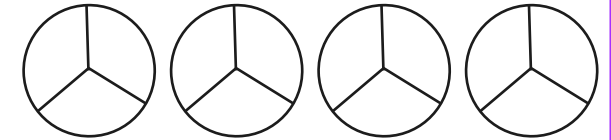
64 equal pieces of pizza are cut from 8 pizzas. Into how many pieces is each pizza cut?

8

Section 4

Use this visual representation to calculate:

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



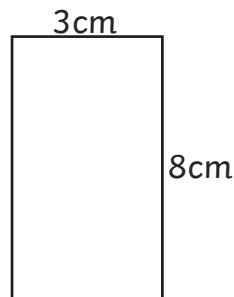
Section 5

Ring the correct percentage to match the following fractions:

$\frac{1}{4}$ 50% $\frac{25}{100}$ 75%
 $\frac{3}{4}$ 30% $\frac{75}{100}$ 40%

Section 6

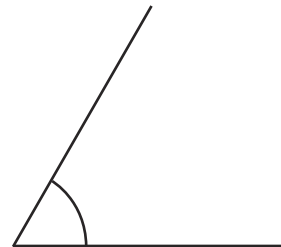
What is the area of this rectangle?



24cm^2

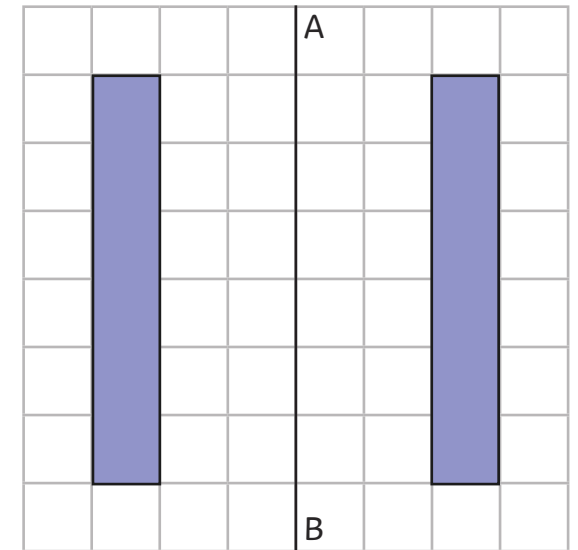
Section 7

Draw an angle of 60°



Section 8

Reflect this shape about the line AB



Year 5 Spring 1 Maths Activity Mat 6

Section 1

I am a three-digit even number.

I have the half the number of hundreds as ones.

I have the most number of tens possible.

The sum of my digits is 15.

What am I?

Section 2

Write the factor pairs of 28.

Write the common factors of 5 and 35.

Section 3

Amy brings 4 bags of sweets to school on her birthday. Each bag contains 15 sweets. There are 30 children in the class. How many sweets will each receive if the sweets are shared equally?

Section 4

Calculate:

$$3\frac{3}{4} \times 2 =$$

Section 5

Ring the correct percentage to match the following fractions:

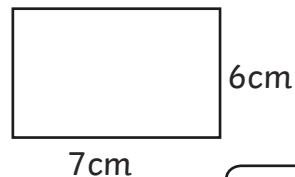
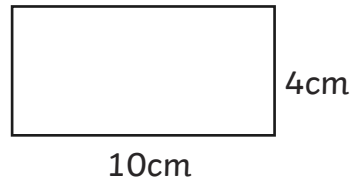
$\frac{1}{4}$ 25% 20% 40%

$\frac{3}{4}$ 75% 25% 30%

$\frac{2}{5}$ 50% 40% 75%

Section 6

What is the difference in area between these 2 rectangles?

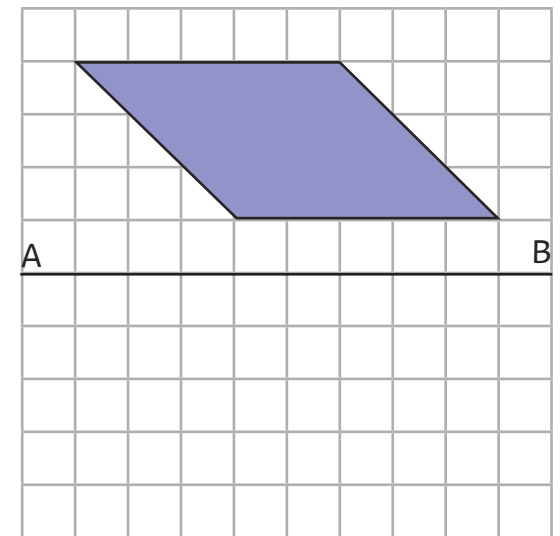


Section 7

Draw an angle of 160°

Section 8

Reflect this shape about the line AB



Year 5 Spring 1 Maths Activity Mat 6 Answers

Section 1

I am a three-digit even number.

I have the half the number of hundreds as ones.

I have the most number of tens possible.

The sum of my digits is 15.

What am I?

294

Section 2

Write the factor pairs of 28.

$1 \times 28, 2 \times 14, 4 \times 7$

Write the common factors of 5 and 35.

1, 5

Section 3

Amy brings 4 bags of sweets to school on her birthday. Each bag contains 15 sweets. There are 30 children in the class. How many sweets will each receive if the sweets are shared equally?

2

Section 4

Calculate:

$$3 \frac{3}{4} \times 2 = 7 \frac{1}{2}$$

Section 5

Ring the correct percentage to match the following fractions:

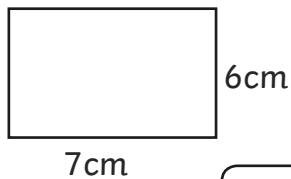
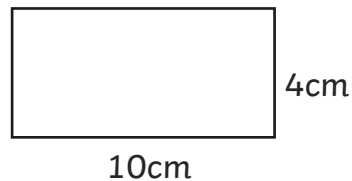
$\frac{1}{4}$ 25% 20% 40%

$\frac{3}{4}$ 75% 25% 30%

$\frac{2}{5}$ 50% 40% 75%

Section 6

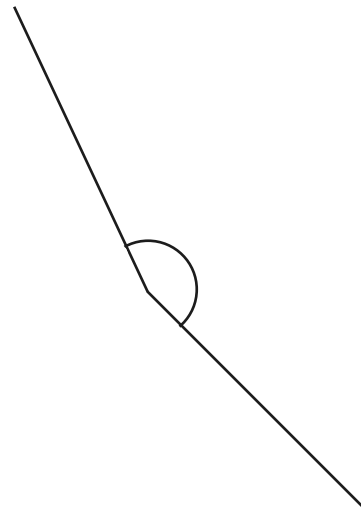
What is the difference in area between these 2 rectangles?



2cm^2

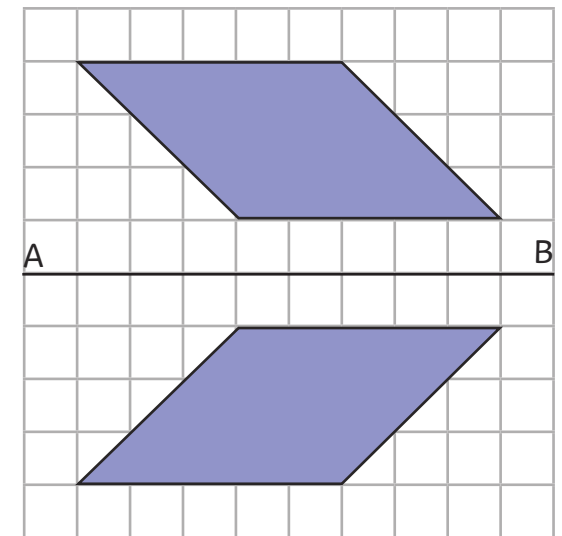
Section 7

Draw an angle of 160°



Section 8

Reflect this shape about the line AB



Year 5 Spring 1 Maths Activity Mat 6

Section 1

I am a three-digit odd number.

I have two less ones than hundreds, and both digits are prime numbers.

My tens digit is a square number and a cube number.

The sum of my digits is 13.

What am I?

Section 5

Ring the correct percentage to match the following fractions:

$\frac{1}{8}$ 12.5% 80% 15%

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

$\frac{5}{8}$ 65% 80% 62.5%

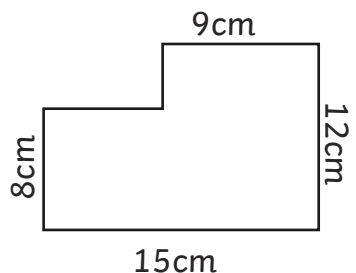
Section 2

Write the factor pairs of 42.

Write the common factors of 15 and 45.

Section 6

What is the area of this composite rectilinear shape?



Section 3

Five children collect all the used pencils from classrooms. There are 132. They share those and another 13 packets of 12 pencils between 8 classrooms. How many pencils does each class receive?

A supermarket wants to rearrange some shelves of baked beans. There are 90 tins on the shelves, and 8 boxes of 48 tins are brought out from the stock room. The tins are shared equally over 6 shelves. How many tins will be on each shelf?

Section 4

Calculate:

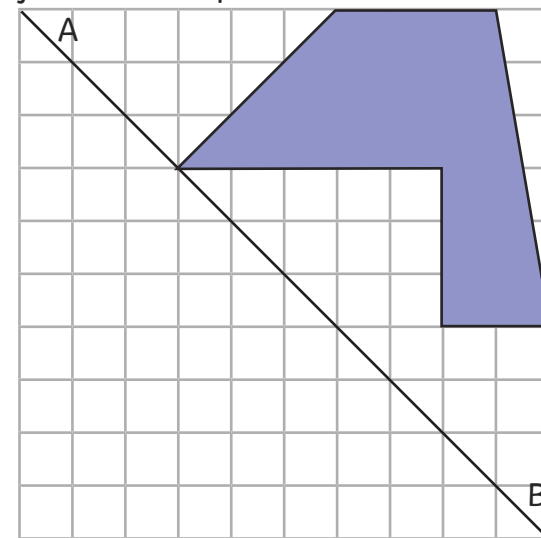
$$\frac{8}{3} \times 5 = \text{[]}$$

Section 7

Draw an angle of 245°

Section 8

Reflect this shape about the line AB



Year 5 Spring 1 Maths Activity Mat 6 Answers

Section 1

I am a three-digit odd number.

I have two less ones than hundreds, and both digits are prime numbers.

My tens digit is a square number and a cube number.

The sum of my digits is 13.

What am I?

715

Section 2

Write the factor pairs of 42.

$1 \times 42, 2 \times 21,$
 $3 \times 14, 6 \times 7$

Write the common factors of 15 and 45.

1, 3, 5, 15

Section 3

Five children collect all the used pencils from classrooms. There are 132. They share those and another 13 packets of 12 pencils between 8 classrooms. How many pencils does each class receive?

A supermarket wants to rearrange some shelves of baked beans.

There are 90 tins on the shelves, and 8 boxes of 48 tins are brought out from the stock room. The tins are shared equally over 6 shelves. How many tins will be on each shelf?

36, 79

Section 4

Calculate:

$$\frac{8}{3} \times 5 = 13 \frac{1}{3}$$

Section 5

Ring the correct percentage to match the following fractions:

$\frac{1}{8}$

12.5%

80%

15%

$\frac{3}{4}$

30%

75%

40%

$\frac{5}{8}$

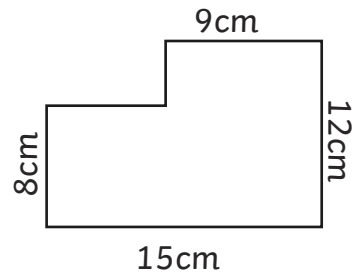
65%

80%

62.5%

Section 6

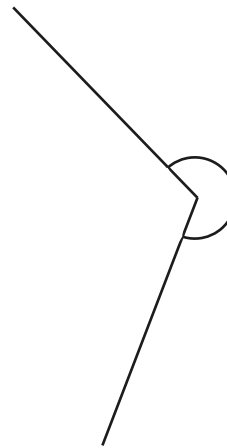
What is the area of this composite rectilinear shape?



156cm²

Section 7

Draw an angle of 245°



Section 8

Reflect this shape about the line AB

