

Year 5 Spring 2 Maths Activity Mat 6

Section 1

I am a two-digit number.

I am odd.

I have four more tens than ones.

The sum of my digits is 10.

What am I?

Section 2

Write the factor pairs of 15.

Write the common factors of four and 20.

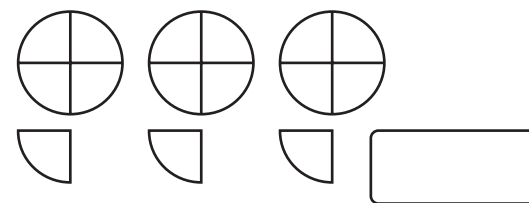
Section 3

Socks are sold in packs of five pairs. How many packs can be made from 145 pairs of socks?

Section 4

Use this visual representation to calculate:

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



Section 5

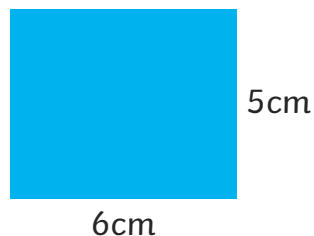
Write the following fractions as percentages:

$$\frac{1}{4} \longrightarrow \boxed{}$$

$$\frac{1}{2} \longrightarrow \boxed{}$$

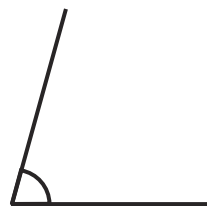
Section 6

What is the area of this rectangle?



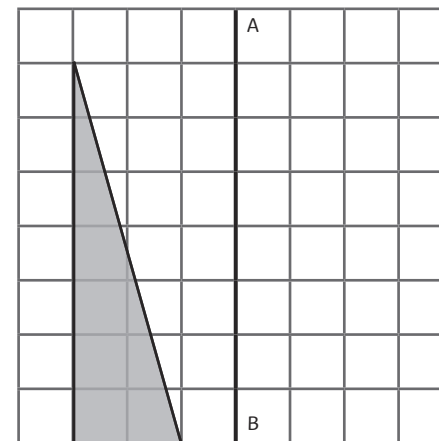
Section 7

Measure this angle.



Section 8

Reflect this shape about the line AB.



Year 5 Spring 2 Maths Activity Mat 6 **Answers**

Section 1

I am a two-digit number.

I am odd.

I have four more tens than ones.

The sum of my digits is 10.

What am I?

73

Section 2

Write the factor pairs of 15.

1 x 15, 3 x 5

Write the common factors of four and 20.

1, 2, 4

Section 3

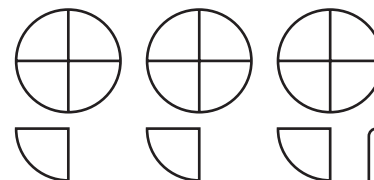
Socks are sold in packs of five pairs. How many packs can be made from 145 pairs of socks?

29 packs

Section 4

Use this visual representation to calculate:

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



$3\frac{3}{4}$

Section 5

Write the following fractions as percentages:

$\frac{1}{4}$ → **25%**

$\frac{1}{2}$ → **50%**

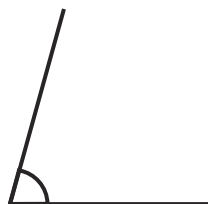
Section 6

What is the area of this rectangle?

30cm²

Section 7

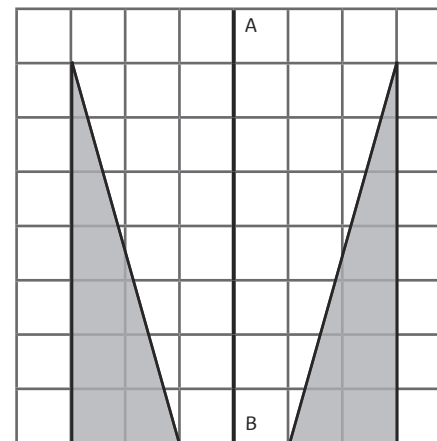
Measure this angle.



75°

Section 8

Reflect this shape about the line AB.



Year 5 Spring 2 Maths Activity Mat 6

Section 1

I am a three-digit odd number.

I have one less hundred than I have ones.

I have seven more ones than tens.

The sum of my digits is 13.

What am I?

Section 2

Write the factor pairs of 28.

Write the common factors of nine and 36.

Section 3

Socks are sold into packs of five. A box contains 24 packs. How many complete boxes will be made from 1030 pairs of socks?

Section 4

Calculate:

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

Section 5

Write the following fractions as percentages:

$$\frac{3}{4} \longrightarrow \boxed{}$$

$$\frac{2}{5} \longrightarrow \boxed{}$$

$$\frac{3}{5} \longrightarrow \boxed{}$$

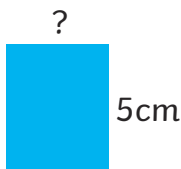
Section 6

The area of these rectangles is 40cm^2 .

What is the length of the missing side in each?



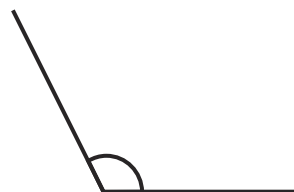
10cm



5cm

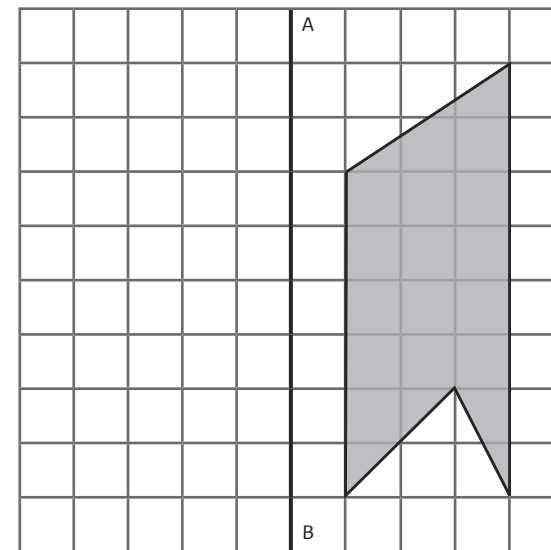
Section 7

Measure this angle.



Section 8

Reflect this shape about the line AB.



Year 5 Spring 2 Maths Activity Mat 6 **Answers**

Section 1

I am a three-digit odd number.

I have one less hundred than I have ones.

I have seven more ones than tens.

The sum of my digits is 13.

What am I?

607

Section 2

Write the factor pairs of 28.

1 x 28, 2 x 14, 4 x 7

Write the common factors of nine and 36.

1, 3, 9

Section 3

Socks are sold into packs of five. A box contains 24 packs. How many complete boxes will be made from 1030 pairs of socks?

8

Section 4

Calculate:

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

Section 5

Write the following fractions as percentages:

$$\frac{3}{4} \longrightarrow \boxed{75\%}$$

$$\frac{2}{5} \longrightarrow \boxed{40\%}$$

$$\frac{3}{5} \longrightarrow \boxed{60\%}$$

Section 6

The area of these rectangles is 40cm².

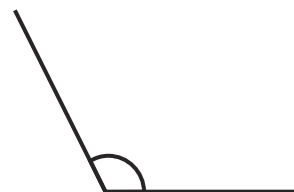
What is the length of the missing side in each?

4cm

8cm

Section 7

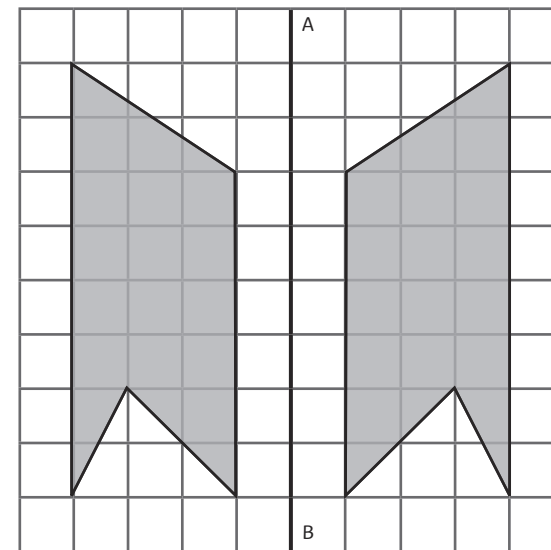
Measure this angle.



117°

Section 8

Reflect this shape about the line AB.



Year 5 Spring 2 Maths Activity Mat 6

Section 1

I am a three-digit odd number.

The sum of two digits is equal to the third.

The tens digit has the highest value.

The smallest digit is a two.

The digits all add up to 14.

What am I?

Section 2

Write the factor pairs of 56.

Write the common factors of 24 and 64.

Section 3

Socks are sold into packs of five. A box of contains 24 packs. A factory makes 1455 pairs of socks each hour. How many hours will it take to fill 60 boxes?

Section 4

Calculate:

$$\frac{7}{3} \times 5 = \boxed{}$$

Write the answer as a mixed number.

Section 5

Match the following;

$$\frac{3}{5} \quad 87.5\%$$

$$\frac{1}{4} \quad 25\%$$

$$\frac{7}{8} \quad 60\%$$

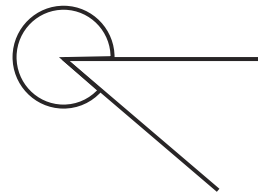
Section 6

Here are two rectangles. The larger measures 12cm x 8cm, the smaller 9cm x 4cm. What is the area of the grey shaded area?



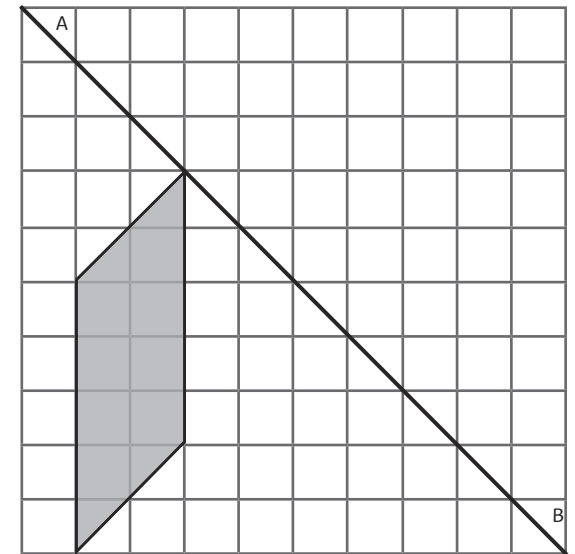
Section 7

Measure this angle.



Section 8

Reflect this shape about the line AB.



Year 5 Spring 2 Maths Activity Mat 6 **Answers**

Section 1

I am a three-digit odd number.

The sum of two digits is equal to the third.

The tens digit has the highest value.

The smallest digit is a two.

The digits all add up to 14.

What am I?

275

Section 2

Write the factor pairs of 56.

1 x 56, 2 x 28, 4 x 14, 7 x 8

Write the common factors of 24 and 64.

1, 2, 4, 8

Section 3

Socks are sold into packs of five. A box of contains 24 packs. A factory makes 1455 pairs of socks each hour. How many hours will it take to fill 60 boxes?

5

Section 4

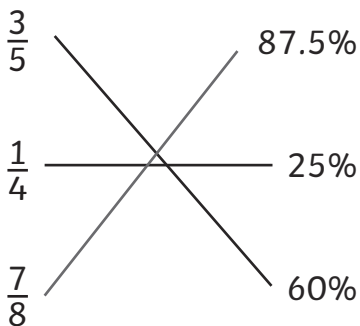
Calculate:

$$\frac{7}{3} \times 5 = \boxed{11\frac{2}{3}}$$

Write the answer as a mixed number.

Section 5

Match the following;



Section 6

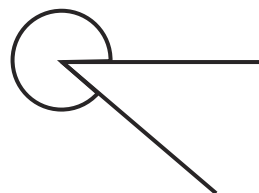
Here are two rectangles. The larger measures 12cm x 8cm, the smaller 9cm x 4cm. What is the area of the grey shaded area?



60cm²

Section 7

Measure this angle.



312°

Section 8

Reflect this shape about the line AB.

