

Year 6 Autumn 2 Maths Activity Mat 2

Section 1

Write a number that is more than one million, where the difference between the hundred thousands and tens digit is the same as the difference between the ten thousands digit and the ones digit.

Section 2

A city has a population of 234 852. There are 82 953 adult male and 90 207 adult female. The rest are children. Two thirds of the children are under 10. How many children under 10 live in the city?

Section 3

Find the missing numbers

[illegible]

Section 4

Use $<$, $=$, or $>$ to compare these fractions:

$$\frac{7}{3}$$

$$\frac{5}{2}$$

$$\frac{15}{4}$$

$$\frac{11}{3}$$

$$\frac{17}{2}$$

$$\frac{68}{8}$$

Section 5

Calculate

$0.9 \times 0.4 =$

$$0.8 \times 0.02 =$$

$$0.06 \times 0.06 =$$

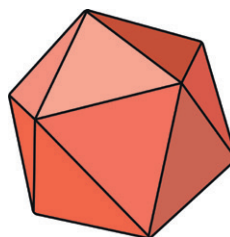
Section 6

12 yards \approx 11m

How many metres
in 440 yards?

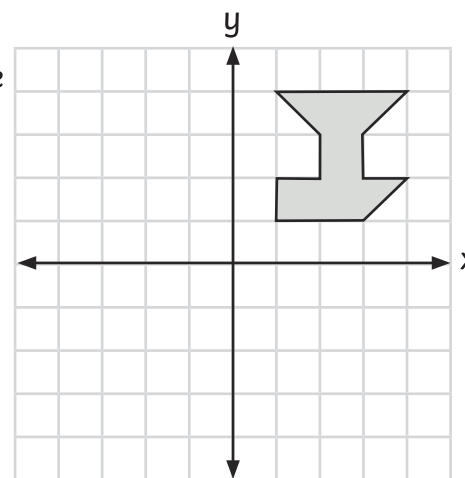
Section 7

Name this shape



Section 8

Reflect this shape
about the x-axis
and then the
y-axis.



Year 6 Autumn 2 Maths Activity Mat 2 **Answers**

Section 1

Write a number that is more than one million, where the difference between the hundred thousands and tens digit is the same as the difference between the ten thousands digit and the ones digit.

Any number meeting the criteria. E.g. 1 670 023

Section 2

A city has a population of 234 852. There are 82 953 adult male and 90 207 adult female. The rest are children. Two thirds of the children are under 10. How many children under 10 live in the city?

41 128 children

Section 3

Find the missing numbers

					3	8	4		
	2	6		9	9	8	4		

Section 4

Use <, =, or > to compare these fractions:

$$\frac{7}{3} < \frac{5}{2}$$
$$\frac{15}{4} > \frac{11}{3}$$
$$\frac{17}{2} = \frac{68}{8}$$

Section 5

Calculate

$0.9 \times 0.4 =$

0.36

$0.8 \times 0.02 =$

0.016

$0.06 \times 0.06 =$

0.0036

Section 6

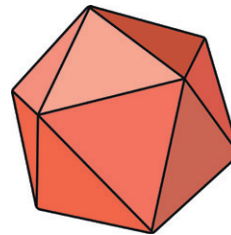
12 yards \approx 11m

How many metres in 440 yards?

403.33m
Accept rounded answers
(403.3m, 403m)

Section 7

Name this shape



icosahedron

Section 8

Reflect this shape about the x-axis and then the y-axis.

