Year 6 Autumn 2 Maths Activity Mat 2

Section 1

What is the value of the digit in the thousands place in the number 405 912?

Section 2

A village has a population of 2712. There are 652 adult males and 707 adult females. The rest are children. How many children live in the village?

Section 3

Calculate:

$8 \overline{)2728}$

Section 4

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

$\frac{5}{3}$ $\frac{10}{6}$

$\frac{5}{2}$ $\frac{9}{4}$

$\frac{6}{5}$ $\frac{13}{10}$

Section 5

Calculate

0.2 x 5 =

0.7 x 3 =

0.8 x 4 =

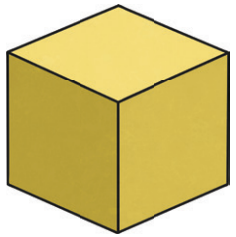
Section 6

12 yards ≈ 11m

How many yards in 33m?

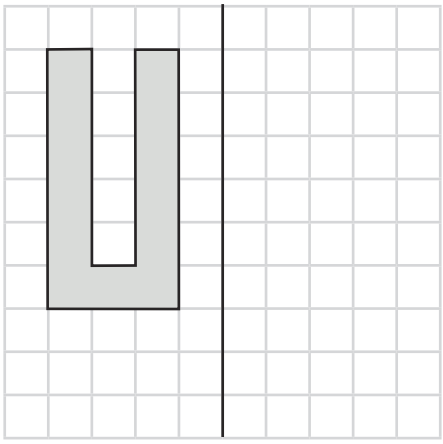
Section 7

Name this shape



Section 8

Reflect this shape about the thick black vertical line.



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

Section 1

What is the value of the digit in the thousands place in the number 405 912?

5 (5000)

Section 2

A village has a population of 2712. There are 652 adult males and 707 adult females. The rest are children. How many children live in the village?

1353 children

Section 3

Calculate:

				3	4	1		
		8	2	7	2	8		

Section 4

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

$\frac{5}{3} = \frac{10}{6}$

$\frac{5}{2} > \frac{9}{4}$

$\frac{6}{5} < \frac{13}{10}$

Section 5

Calculate

0.2 x 5 = **1**

0.7 x 3 = **2.1**

0.8 x 4 = **3.2**

Section 6

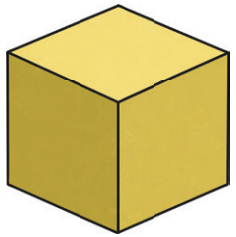
12 yards ≈ 11m

How many yards in 33m?

36 yards

Section 7

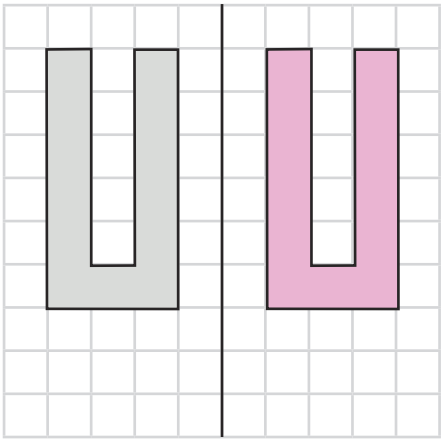
Name this shape



cube

Section 8

Reflect this shape about the thick black vertical line.



Year 6 Autumn 2 Maths Activity Mat 2

Section 1

What is the value of the digit in the ten thousands place in the number 9 621 702?

Section 2

A town has a population of 28 235. There are 9698 adult males and 10 385 adult females. The rest are children. How many children live in the town?

Section 3

Calculate:

	1	3	6	7	3	4		

Section 4

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

$\frac{15}{6}$ $\frac{5}{2}$

$\frac{19}{10}$ $\frac{4}{2}$

$\frac{13}{3}$ $\frac{25}{6}$

Section 5

Calculate

0.08 x 5 =

0.02 x 9 =

0.07 x 7 =

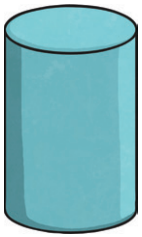
Section 6

12 yards ≈ 11m

How many yards in 99m?

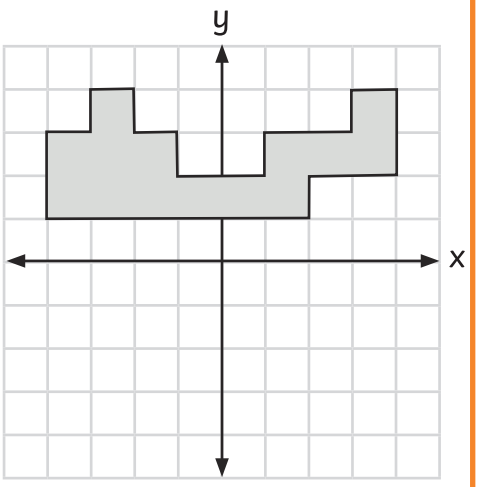
Section 7

Name this shape



Section 8

Reflect this shape about the x-axis.



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

Section 1

What is the value of the digit in the ten thousands place in the number 9 621 702?

2 (20 000)

Section 2

A town has a population of 28 235. There are 9698 adult males and 10 385 adult females. The rest are children. How many children live in the town?

8152 children

Section 3

Calculate:

				5	1	8		
	1	3	6	7	3	4		

Section 4

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

$\frac{15}{6} = \frac{5}{2}$

$\frac{19}{10} < \frac{4}{2}$

$\frac{13}{3} > \frac{25}{6}$

Section 5

Calculate

0.08 x 5 = **0.4**

0.02 x 9 = **0.18**

0.07 x 7 = **0.49**

Section 6

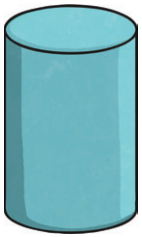
12 yards ≈ 11m

How many yards in 99m?

108 yards

Section 7

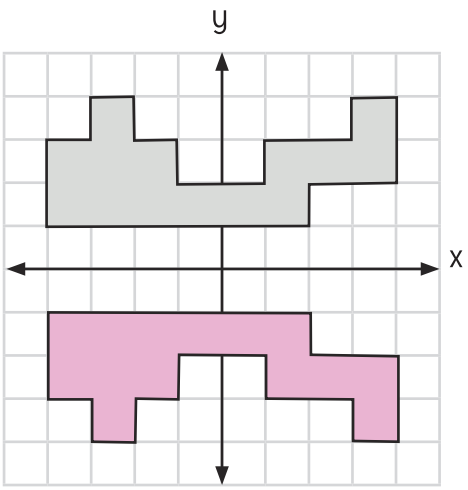
Name this shape



cylinder

Section 8

Reflect this shape about the x-axis.



Year 6 Autumn 2 Maths Activity Mat 2

Section 1

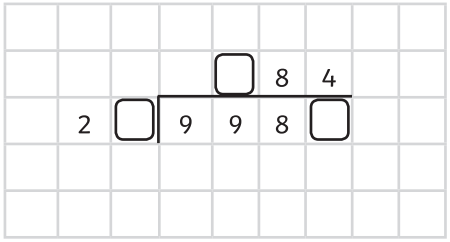
Write a number that is more than one million, where the difference between the hundred thousands and tens digit is the same as the difference between the ten thousands digit and the ones digit.

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



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 x 0.4 =

0.8 x 0.02 =

0.06 x 0.06 =

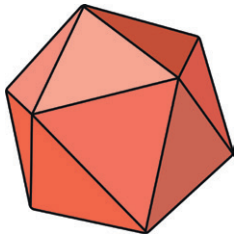
Section 6

12 yards ≈ 11m

How many metres in 440 yards?

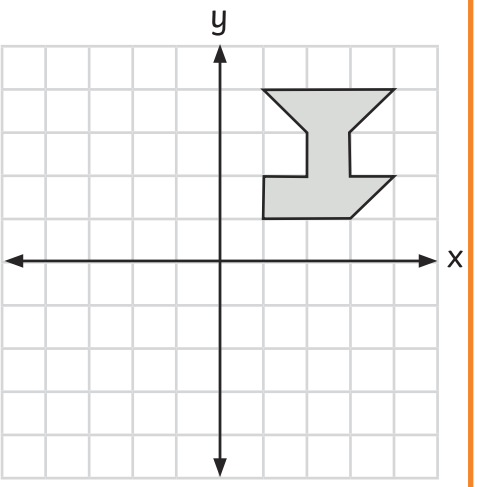
Section 7

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

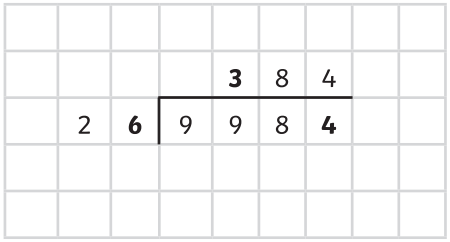
Section 2

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



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 x 0.4 = **0.36**

0.8 x 0.02 = **0.016**

0.06 x 0.06 = **0.0036**

Section 6

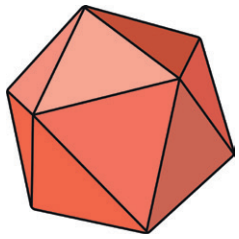
12 yards ≈ 11m

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.