

Year 6 Maths Activity Mat

Section 1

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

Section 2

A cinema sells 2937 tickets. 552 are student tickets. The rest are adult and child tickets. Exactly twice as many adult tickets than child tickets are sold. How many adult tickets are sold?

Section 3

Find the missing numbers:

$$\begin{array}{r} 2 \quad \square \quad \square \quad \square \quad \square \\ 2 \quad 0 \quad 8 \quad 8 \\ \hline 2 \quad 4 \quad 8 \quad 8 \end{array}$$

Section 4

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

$\frac{9}{5}$		$\frac{3}{2}$
$\frac{11}{4}$		$\frac{7}{3}$
$\frac{17}{2}$		$\frac{68}{8}$

Section 5

Calculate

$0.3 \times 0.3 =$

$0.4 \times 0.02 =$

$0.09 \times 0.06 =$

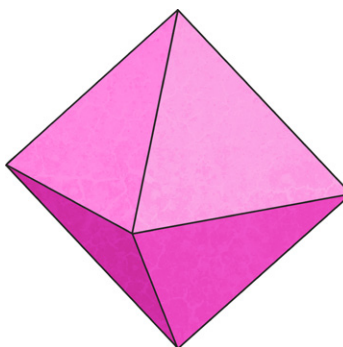
Section 6

5 miles is 8 km

How many metres in 2.5 miles?

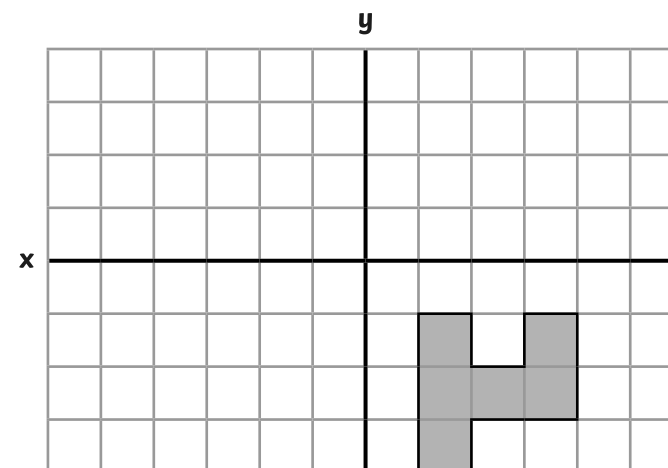
Section 7

Name this shape:



Section 8

Rotate this shape 180° clockwise about point (0,0).



Year 6 Maths Activity Mat: 2

Answers

Section 1

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

Any number meeting the criteria:
E.g. 1 372 084

Section 2

A cinema sells 2937 tickets. 552 are student tickets. The rest are adult and child tickets. Exactly twice as many adult tickets than child tickets are sold. How many adult tickets are sold?

1590

Section 3

Find the missing numbers:

$$\begin{array}{r} 2 \quad \quad \quad 2 \quad 0 \quad 8 \\ 2 \quad \boxed{3} \quad 4 \quad \boxed{7} \quad 8 \quad \boxed{4} \end{array}$$

Section 4

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

$\frac{9}{5}$	$>$	$\frac{3}{2}$
$\frac{11}{4}$	$>$	$\frac{7}{3}$
$\frac{17}{2}$	$=$	$\frac{68}{8}$

Section 5

Calculate

$$0.3 \times 0.3 = \boxed{0.09}$$

$$0.4 \times 0.02 = \boxed{0.008}$$

$$0.09 \times 0.06 = \boxed{0.0048}$$

Section 6

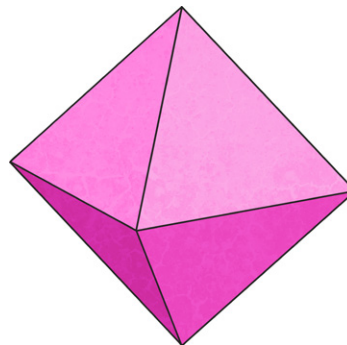
5 miles is 8 km

How many metres in 2.5 miles?

4000m

Section 7

Name this shape:



octahedron

Section 8

Rotate this shape 180° clockwise about point (0,0).

