

Year 6 Spring 1 Maths Activity Mat 2

Section 1

What is the value of the digit in the thousands place in the number 806 564?

Section 2

A theatre sells 782 tickets. 393 are adult tickets, 214 are student tickets. The rest are child tickets. How many child tickets are sold?

Section 3

Calculate:

$$8 \overline{)5248}$$

Section 4

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

$\frac{5}{3}$	<input type="text"/>	$\frac{11}{6}$
$\frac{9}{8}$	<input type="text"/>	$\frac{5}{4}$
$\frac{8}{5}$	<input type="text"/>	$\frac{16}{10}$

Section 5

Calculate:

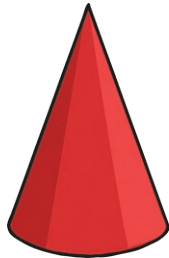
$0.5 \times 3 =$

$0.7 \times 2 =$

$0.9 \times 4 =$

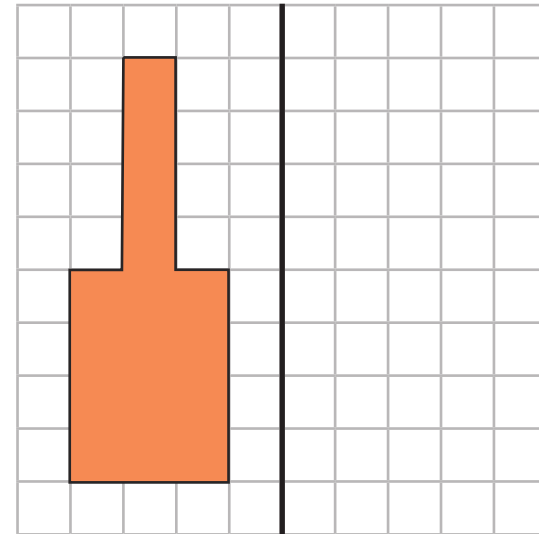
Section 7

Name this shape.



Section 8

Reflect this shape about the thick black vertical line.



Section 6

5 miles is 8km.

How many miles in 24km?

Year 6 Spring 1 Maths Activity Mat 2 - Answers

Section 1

What is the value of the digit in the thousands place in the number 806 564?

6000

Section 2

A theatre sells 782 tickets. 393 are adult tickets, 214 are student tickets. The rest are child tickets. How many child tickets are sold?

175

Section 3

Calculate:

$$\begin{array}{r} 656 \\ 8 \overline{)5248} \end{array}$$

Section 4

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

$$\frac{5}{3} < \frac{11}{6}$$

$$\frac{9}{8} < \frac{5}{4}$$

$$\frac{8}{5} = \frac{16}{10}$$

Section 5

Calculate:

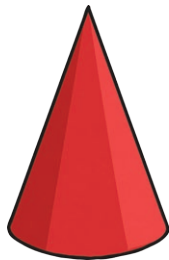
$$0.5 \times 3 = 1.5$$

$$0.7 \times 2 = 1.4$$

$$0.9 \times 4 = 3.6$$

Section 7

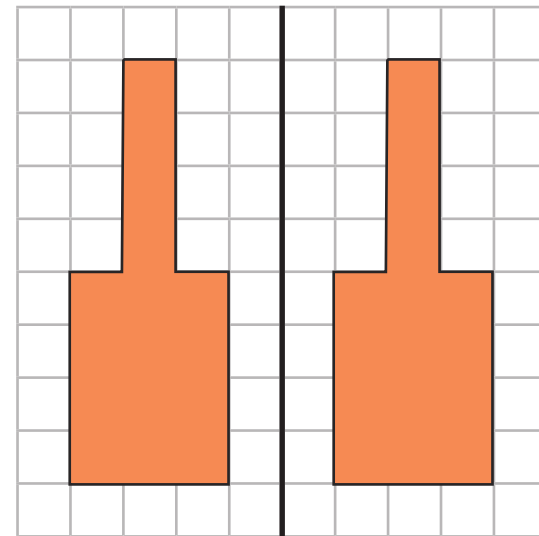
Name this shape.



cone

Section 8

Reflect this shape about the thick black vertical line.



Section 6

5 miles is 8km.

How many miles is 24km?

15 miles

Year 6 Spring 1 Maths Activity Mat 2

Section 1

What is the value of the digit in the ten thousands place in the number 7 291 726?

Section 2

A theatre sells 2019 tickets. There are adult and child tickets. 513 less adult tickets than child tickets are sold. How many child tickets are sold?

Section 3

Calculate:

$$13 \overline{)4199}$$

Section 4

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

$$\frac{13}{4} \quad \square \quad \frac{5}{2}$$
$$\frac{23}{6} \quad \square \quad \frac{11}{3}$$
$$\frac{7}{2} \quad \square \quad \frac{21}{6}$$

Section 5

Calculate:

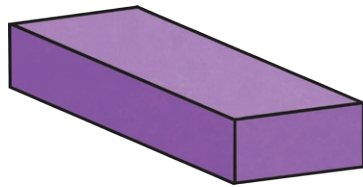
$$0.05 \times 3 = \square$$

$$0.09 \times 2 = \square$$

$$0.04 \times 8 = \square$$

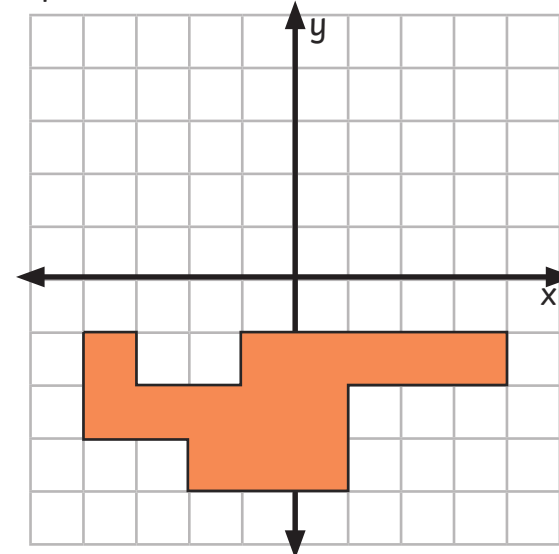
Section 7

Name this shape.



Section 8

Reflect this shape about the x axis.



Section 6

5 miles is 8km.

How many miles in 176km?

Year 6 Spring 1 Maths Activity Mat 2 - Answers

Section 1

What is the value of the digit in the ten thousands place in the number 7 291 726?

90 000

Section 2

A theatre sells 2019 tickets. There are adult and child tickets. 513 less adult tickets than child tickets are sold. How many child tickets are sold?

1266

Section 3

Calculate:

$$\begin{array}{r} 323 \\ 13 \overline{)4199} \end{array}$$

Section 4

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

$$\frac{13}{4} > \frac{5}{2}$$

$$\frac{23}{6} > \frac{11}{3}$$

$$\frac{7}{2} = \frac{21}{6}$$

Section 5

Calculate:

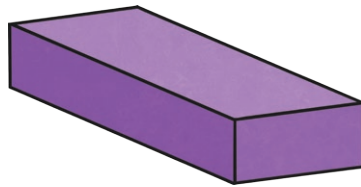
$$0.05 \times 3 = 0.15$$

$$0.09 \times 2 = 0.18$$

$$0.04 \times 8 = 0.32$$

Section 7

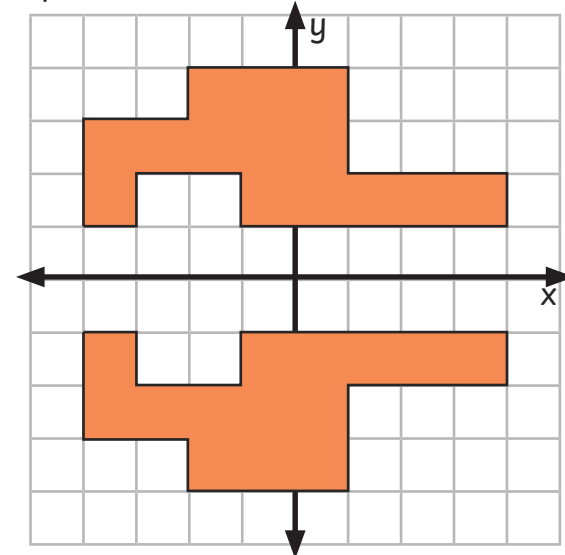
Name this shape.



cuboid

Section 8

Reflect this shape about the x axis.



Section 6

5 miles is 8km.

How many miles in 176km?

110 miles

Year 6 Spring 1 Maths Activity Mat 2

Section 1

Write a number that is between four and five million, where the sum of the thousands and tens digit is twice the difference between the hundred thousands and hundreds digits.

Section 2

A theatre sells 1986 tickets. 234 more adult tickets are sold than child tickets, and 186 more child tickets are sold than student tickets. How many child tickets are sold?

Section 3

Find the missing numbers.

$$\begin{array}{r} 35\Box \\ 2\Box \overline{)9\Box04} \end{array}$$

Section 4

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

$$\frac{17}{5} \quad \Box \quad \frac{10}{3}$$

$$\frac{23}{8} \quad \Box \quad \frac{17}{6}$$

$$\frac{22}{3} \quad \Box \quad \frac{66}{9}$$

Section 5

Calculate:

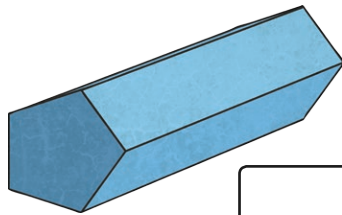
$$0.4 \times 0.4 =$$

$$0.8 \times 0.03 =$$

$$0.07 \times 0.06 =$$

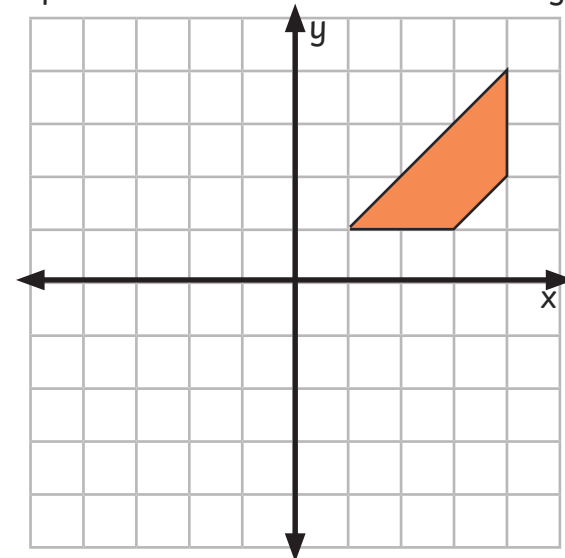
Section 7

Name this shape.



Section 8

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



Section 6

5 miles is 8 km

How many metres in one mile?

Year 6 Spring 1 Maths Activity Mat 2 - Answers

Section 1

Write a number that is between four and five million, where the sum of the thousands and tens digit is twice the difference between the hundred thousands and hundreds digits.

Any number meeting the criteria
e.g. 4 372 884

Section 2

A theatre sells 1986 tickets. 234 more adult tickets are sold than child tickets, and 186 more child tickets are sold than student tickets. How many child tickets are sold?

646

Section 3

Find the missing numbers.

$$\begin{array}{r} 354 \\ 26 \overline{)9204} \end{array}$$

Section 4

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

$$\frac{17}{5} > \frac{10}{3}$$

$$\frac{23}{8} > \frac{17}{6}$$

$$\frac{22}{3} = \frac{66}{9}$$

Section 5

Calculate:

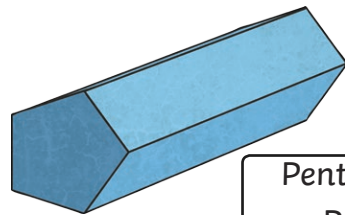
$$0.4 \times 0.4 = 0.16$$

$$0.8 \times 0.03 = 0.024$$

$$0.07 \times 0.06 = 0.0042$$

Section 7

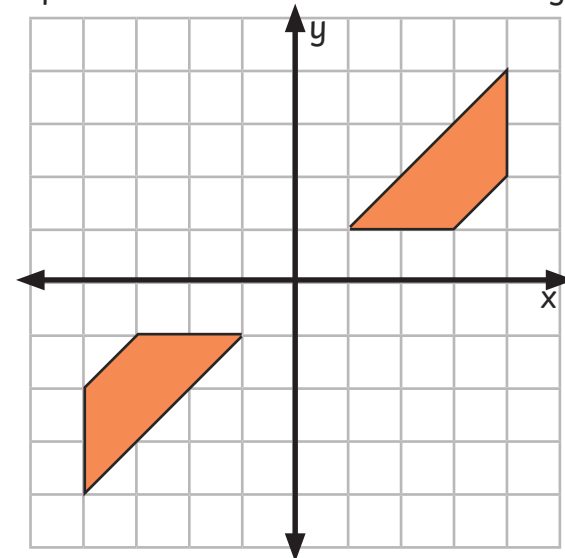
Name this shape.



Pentagonal
Prism

Section 8

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



Section 6

5 miles is 8 km

How many metres in one mile?

1600m