Year 6 Maths extension answers Week 1 Wednesday

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:

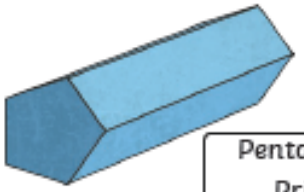
0.4×0.4 = 0.16

0.8×0.03 = 0.024

0.07×0.06 = 0.0042

Section 7

Name this shape.



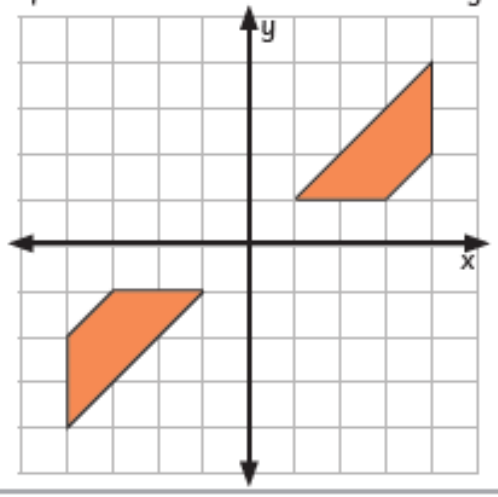
Pentagonal Prism

Section 6

5 miles is 8 km

How many metres in one mile?

1600m

Section 8

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