

6th October

Foundation 5-a-day



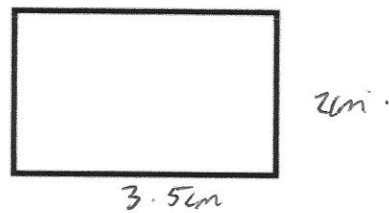
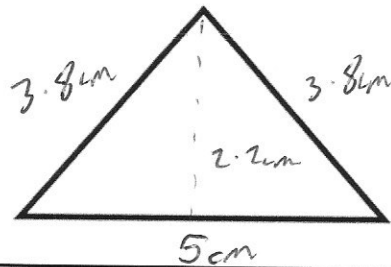
Corbettmaths

-4°C 3°C -7°C -12°C

Work out the range of the temperatures.

$$3 - (-12) = 15$$

The shape below are drawn accurately



Which shape has the largest perimeter?

Triangle

$$5 + 3.8 + 3.8 = 12.6 \text{ cm}$$

$$3.5 + 3.5 + 2 + 2 = 11 \text{ cm}$$

Which shape has the largest area?

rectangle

$$3.5 \times 2 = 7 \text{ cm}^2$$

$$\frac{1}{2}(5 \times 2.2) = 5.5 \text{ cm}^2$$

Theo says

"the difference between two consecutive cube numbers is always odd."

Is Theo correct? Yes
You must show your workings.

$$8 - 1 = 7$$

$$27 - 8 = 19$$

Simplify

$$y^8 \times y^{-2}$$

$$y^6$$

Simplify

$$2ay \times 4a$$

$$8a^2y$$