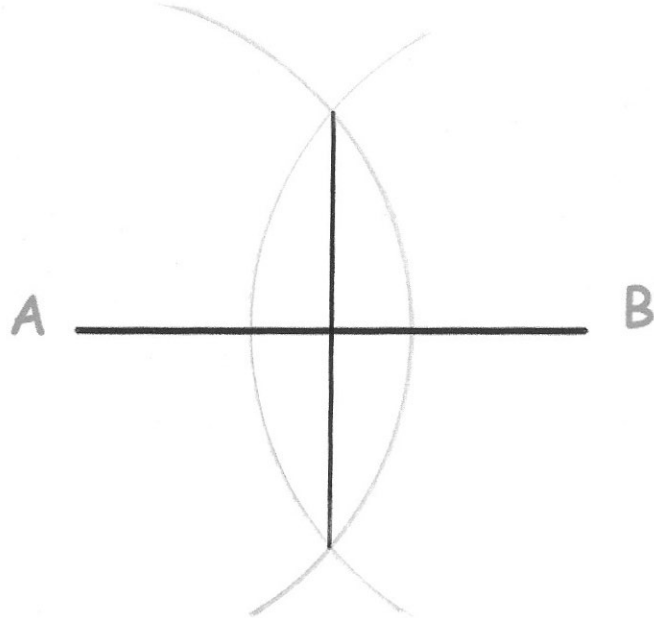




Construct the perpendicular bisector of AB



Write down the value of 25^0

1

Write down the value of 2^7

$$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$$

128

$2x + 3$	$2x$	$4x - 8$	$x + 14$
43	40	72	34

The sum of the four expressions is 189.

Calculate the median.

$$9x + 9 = 189$$

$$9x = 180$$

$$x = 20$$

~~34~~ 40 43 ~~72~~

41.5

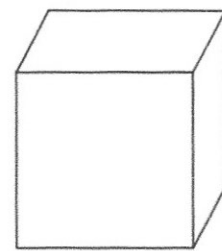
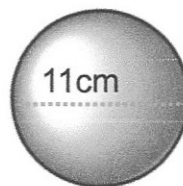
The diameter of the sphere is 11cm.
The volume of the cube is twice the volume of the sphere.

Find y.

$$\frac{4}{3} \times \pi \times 5.5^3 = 696.909\dots$$

$$696.909\dots \times 2 = 1393.819\dots$$

$$\sqrt[3]{1393.81\dots} = 11.17 \text{ cm}$$



y