



The table shows the ages of an under-21 rugby squad.

Age	Frequency
18	5
19	5
* 20	9
21	4

23

Find the median age

$$\frac{n+1}{2} = \frac{23+1}{2} = 12^{\text{th}} \text{ Value}$$

20

Calculate

$$\sqrt{4.7^2 + 2.55}$$

Give your answer to 1 significant figure

4.963869458...

5

Sarah is x years old. $x+9$
 Thomas is 9 years older than Sarah.
 Dan is three times as old as Sarah. $3x$
 The total of their ages is 94.

How old is Dan?

$$5x + 9 = 94$$

$$5x = 85$$

$$x = 17$$

$$3 \times 17 = \underline{\underline{51}}$$

Write down the equation of the line that is parallel to $y = \frac{1}{2}x + 3$ and passes through $(0, -1)$

$$y = \frac{1}{2}x - 1$$

Work out the perimeter of the trapezium

$$5^2 + 12^2 = 169$$

$$\sqrt{169} = 13$$

$$14 + 13 + 12 + 9 = 48 \text{ cm}$$

