5th February

CorbettmΩths

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

Age	Frequency		fx
18	5		90
19	5		95
20	9		180
21	4	23	84

Find the mean age

$449 \div 23 =$

19.522

A bag of apples weighs 7kg, correct to the nearest kilogram.
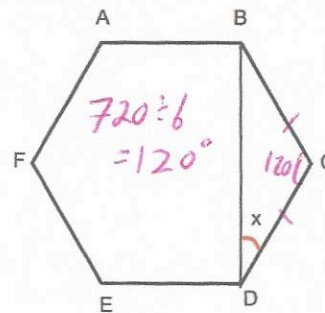What is the least possible weight of the bag of apples?

6.5 kg

Shown below is a regular hexagon ABCDEF.
Calculate angle x.

$180 - 120 = 60$

$60 \div 2 = 30$

$30°$

$720 \div 6$
$= 120°$

$120°$

Calculate the gradient of the straight line passing through (0, 2) and (3, 11).

$\dfrac{rise}{run} = \dfrac{9}{3} = 3$

Write down the equation of the line.

$y = 3x + 2$

How long would it take someone to run 10km at 4 metres per second?

$10000\,m \div 4$ $t = d \div s$

$= 2500$ seconds

$= 41.6$ minutes

41.6 minutes

or

41 minutes & 40 seconds