



Write down an estimate for $\sqrt{74}$

8.6

$$\sqrt{64} = 8$$

$$\sqrt{81} = 9$$

Last month Tolga weighed 80kg
This month Tolga weighs 78kg

Calculate the percentage decrease.

2.5%

$$\frac{2}{80} \times 100 = 2.5$$

Solve

$$\frac{8x - 3}{3} = 6x$$

$$8x - 3 = 18x$$

$$-3 = 10x$$

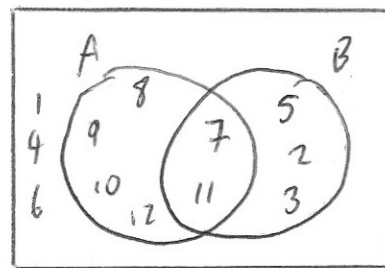
$$x = -0.3$$

$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$

$A = \{\text{numbers greater than 6}\}$

$B = \{\text{prime numbers}\}$

Draw a Venn diagram for this information.



Find x

$$x = \frac{9.3}{\tan 30}$$

$$x = 16.1 \text{ mm}$$

to 1dp

