

4th June



Corbettmaths

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

8.5

$$\sqrt{64} = 8$$

$$\sqrt{81} = 9$$

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

Calculate the percentage decrease.

2.5%

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

Solve

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

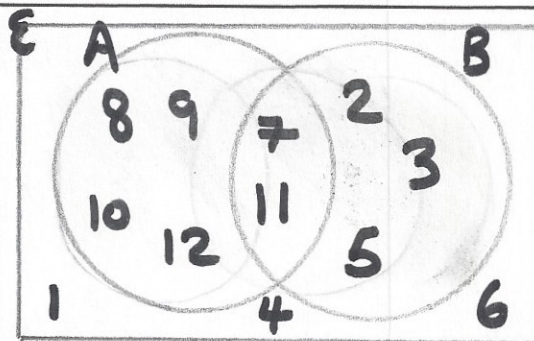
$$8x - 3 = 18x$$

$$-3 = 10x$$

$$x = -\frac{3}{10} \text{ or } -0.3$$

$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$   
 $A = \{\text{numbers greater than } 6\}$   
 $B = \{\text{prime numbers}\}$

Draw a Venn diagram for this information.



Calculate the size of angle ACB.

$$\sin x = \frac{8}{10.5}$$

$$x = \underline{49.6^\circ}$$

