

7th April

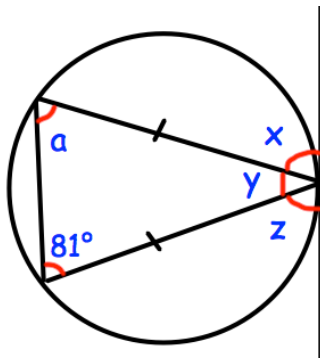
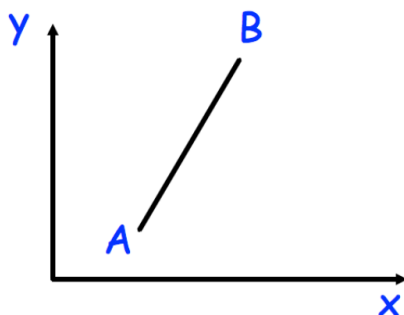


Corbettmaths

Solve  $(x + 1)(x - 2) = 40$

Simplify  $\sqrt{10} \times \sqrt{3}$

Simplify  $(\sqrt{3})^4$

Find  $a$ ,  $x$ ,  $y$  and  $z$ 

$A$  is the point  $(3, 1)$ .  
 $B$  is the point  $(a, 11)$ .

The gradient of  $AB$  is  $\frac{5}{2}$ Work out the value of  $a$ .