



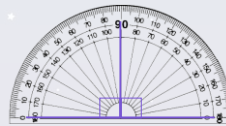
Which one doesn't belong?



Explain your answer.



Look at the representation below, then complete the accompanying sentences.

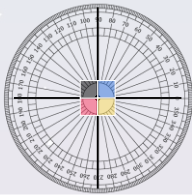


The value of a straight line is  $0^\circ$ .



**MathShed**

Look at the representation below, then complete the accompanying sentences.



The value of a full turn is 360°.



Complete the table below.

angle	degrees	fraction of a full turn
full turn		$\frac{4}{4}$ of a full turn
three right angles		
straight line		
right angle	$90^\circ$	





**MathShed**

(a) Use an analogue clock face to identify how many degrees there are between:

- 12 o'clock and 6 o'clock (turning clockwise)
- 12 o'clock and 9 o'clock (going clockwise)
- 6 o'clock and 9 o'clock (turning anti-clockwise)

(b) Use a compass to identify how many degrees there are between:

- East & West (going clockwise)
- South & East (going anti-clockwise)
- North-East and South-West (going clockwise)

(a) 7 minutes?  
(b) 12 minutes?  
(c) 17 minutes?  
(d) 21 minutes?  
(e) 37 minutes?  
(f) 53 minutes?



(g)  $162^\circ$ ?  
(h)  $258^\circ$ ?

To be able to explore angle facts  
and real-world uses of angles



#### Activity 6:

Are the following statements always, sometimes or never true?

- a) There are  $90^\circ$  between 12 o'clock and 3 o'clock.
- b) There are  $180^\circ$  between East and West.
- c) There are  $90^\circ$  between 6 o'clock and 12 o'clock.

To be able to explore angle facts  
and real-world uses of angles



#### Evaluation:



Bumble said that  
there are  $270^\circ$   
between North-West  
and South-West.  
I think there are  $90^\circ$ .

Who do you agree with?  
Explain your answer.