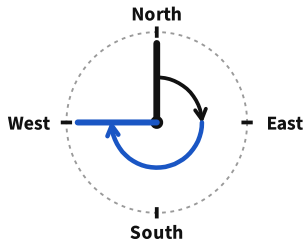


Angles as Turns

ANSWERS

1

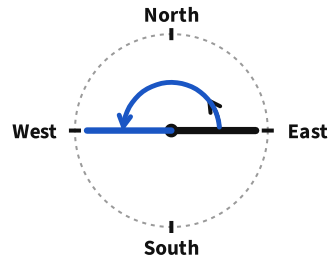
The arm points North. It makes a three quarter turn clockwise. Draw the turn. Where does the arm stop?



Stops at West

2

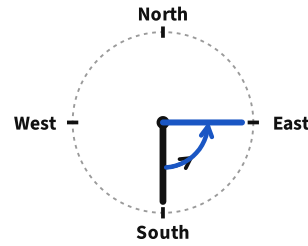
The arm points East. It makes a half turn anticlockwise. Draw the turn. Where does the arm stop?



Stops at West

3

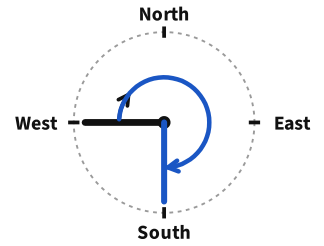
The arm points South. It makes a quarter turn anticlockwise. Draw the turn. Where does the arm stop?



Stops at East

4

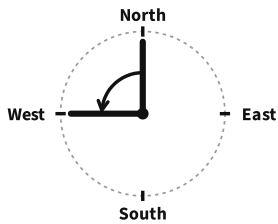
The arm points West. It makes a three quarter turn clockwise. Draw the turn. Where does the arm stop?



Stops at South

5

The arm turned from North to West. What turn did it make? Clockwise or anticlockwise?

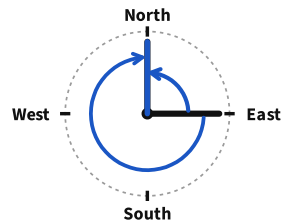


Turn a quarter turn

Way anticlockwise

6

The arm starts at East and stops at North. Write two different turns it could make.

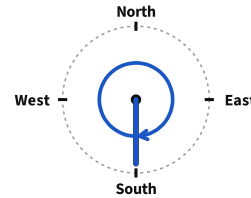


Turn 1 quarter, anticlockwise

Turn 2 three quarter, clockwise

7

The arm points South. It makes a full turn clockwise. Draw the turn. Where does the arm stop? How many quarter turns is that?

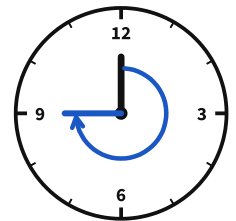


Stops at South

Quarter turns 4

8

The minute hand points to 12. It makes a three quarter turn clockwise. Which number does it point to?



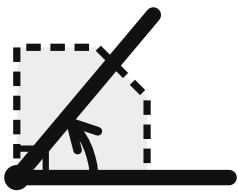
Points to 9

Angles as Turns further practice

ANSWERS

9

Put the corner on it. Smaller, the same or bigger than a right angle? Name the angle.

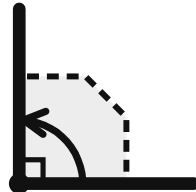


Compared smaller

Name acute

10

Put the corner on it. Smaller, the same or bigger than a right angle? Name the angle.

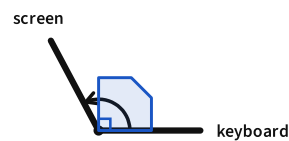


Compared the same

Name right angle

11

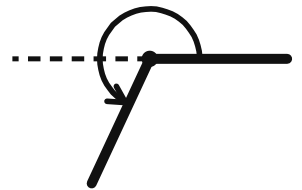
A laptop is open. What type of angle is the turn between the keyboard and the screen?



Name obtuse

12

Is this turn bigger than a half turn? Name the angle.

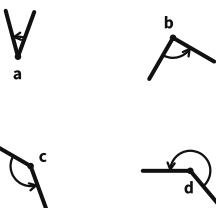


Bigger than a half turn? Yes

Name reflex

13

Name each angle: acute, right angle, obtuse or reflex.

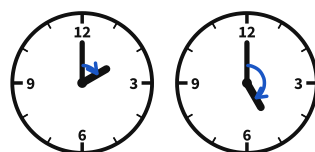


a acute b right angle

c obtuse d reflex

14

What type of angle is between the hands of each clock?



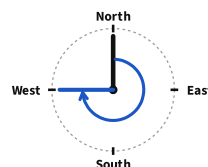
2 o'clock 5 o'clock

2 o'clock acute

5 o'clock obtuse

15

Max faces North. He turns clockwise, more than a half turn but less than a full turn. What type of angle has he turned? Which point could he face?



Name reflex

He faces West

16

Sam says angle A is bigger than angle B because its arms are longer. Is Sam right? Explain.



No. B is the bigger turn.

Arm length does not matter.