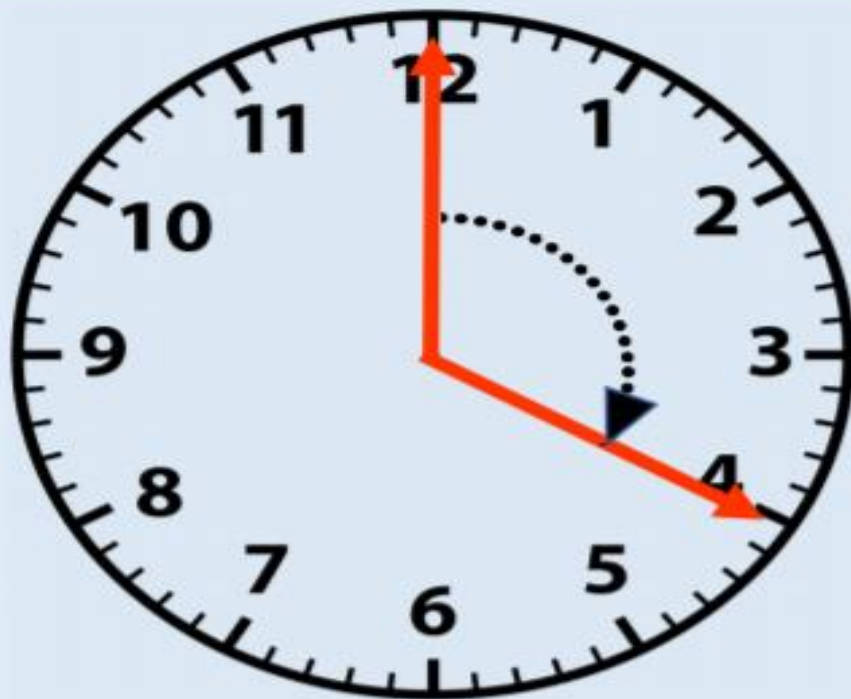


WALT measure angles in
degrees.

Activity 1

Measuring Angles in Degrees

Use the sentence stems to describe the turns made by the minute hand. Compare the turns to a right angle.

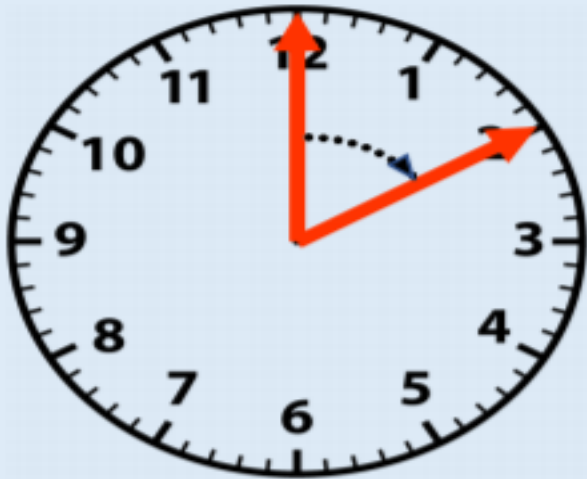


The turn from ____ to ____ is _____ than a right angle. It is an _____ angle.

Activity 1

Measuring Angles in Degrees

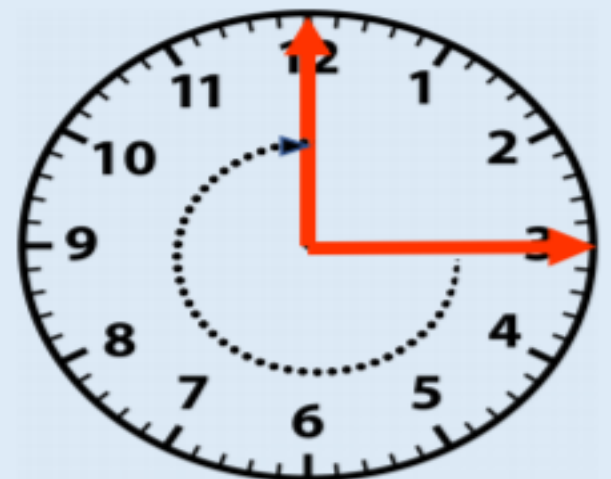
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The turn from ____ to ____ is _____ than a right angle. It is an _____ angle.



The turn from ____ to ____ is _____ than a right angle. It is an _____ angle.

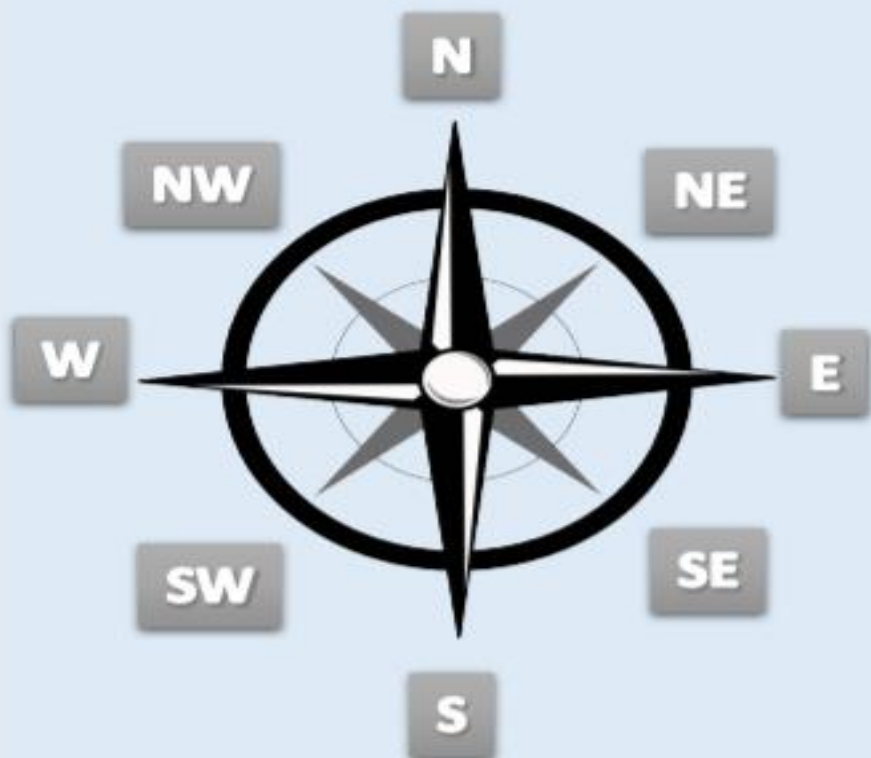


The turn from ____ to ____ is _____ than a right angle. It is a _____ angle.

Activity 2

Measuring Angles in Degrees

Use the compass to complete the table.



Turn	Degrees	Type of angle	Fraction of a turn
North East to South East clockwise	90°	Right angle	$\frac{1}{4}$ of a turn
North West to North West clockwise			
South West to South East anti-clockwise			
South West to _____ clockwise	180°		
North East to East clockwise			$\frac{1}{8}$ of a turn

Reasoning 1

Measuring Angles in Degrees

Which angle is the one odd out?

180°

45°

53°

270°

Reasoning 2

Measuring Angles in Degrees

Always, Sometimes or Never True?

- If I turn from North East to North West, I have turned 90° .
- If I turn from East to North West, I will have turned through an obtuse angle.
- If I turn from South West to South, my turn will be larger than 350° .

Discuss

Measuring Angles in Degrees

What unit do we use to measure angles?

How can we tell whether an angle is acute?

How do we know which scale to use on a protractor?

Where will you place your protractor when measuring an angle?

Does moving the paper help you to measure an angle?

