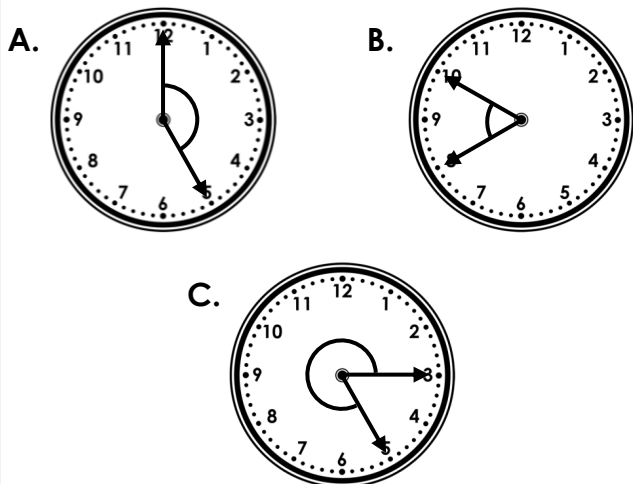


Measuring Angles in Degrees

1. Label each image with the name of the angle.



4. Charlie is facing south-west and needs to face east to find the last clue on her treasure hunt.

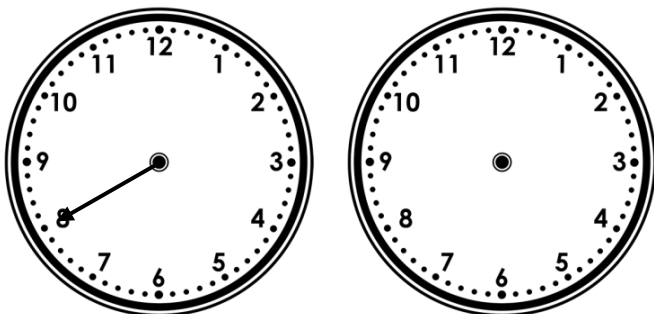


Charlie

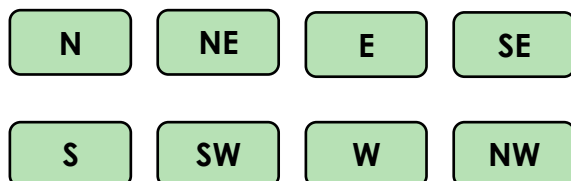
I can make a quarter-turn anti-clockwise to face east. The turn will be 90 degrees.

Is Charlie correct? Explain how you know.

2. Look at the minute hand on the clock. Draw where the minute hand will be after a 270 degree turn clockwise.



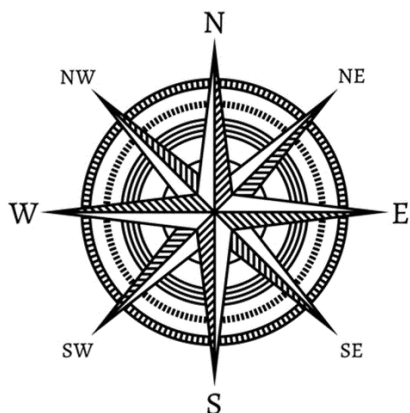
5. Which of the following cards could be used to complete the statement?



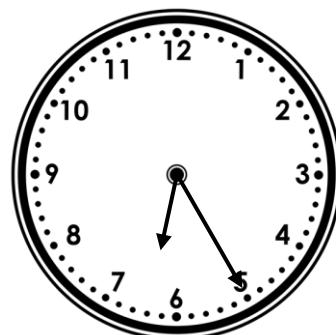
a right angle < turning from NW to _____ clockwise < a full turn

Give three possible answers.

3. How many degrees will I move through if I turn anti-clockwise from north-east to north-west?



6. Starting at 06:25, the minute hand makes more than 4 but fewer than 8 quarter-turns clockwise.



What times could the clock show after the turns?

Find two possible answers.

Measuring Angles in Degrees

1. A. obtuse; B. acute; C. reflex
2. The minute hand will point to 5.
3. 90 degrees
4. Charlie is incorrect. She needs to make a quarter-turn and one eighth of a turn to face east. The turn will be 135 degrees.
5. Various answers, for example: E; SE; S; SW; W
6. Various answers, for example: 07:40; 07:55; 08:10