

Varied Fluency

Step 3: Compare Angles

National Curriculum Objectives:

Mathematics Year 3: (3G4a) [Recognise that angles are a property of a shape or a description of a turn](#)

Mathematics Year 3: (3G4b) [Identify right angles, recognise that two right angles make a half turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.](#)

Differentiation:

Developing Questions to support identifying, measuring and comparing angles in regular shapes and turns. Mostly horizontal orientation of angles.

Expected Questions to support identifying, measuring and comparing angles in regular and irregular shapes and turns. Mostly horizontal orientation of angles.

Greater Depth Questions to support identifying, measuring and comparing angles in irregular or compound shapes and turns, horizontal and diagonal orientation of angles.

More [Year 3 Properties of Shapes](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Compare Angles

1a. Label each of these angles as either obtuse or acute.



VF

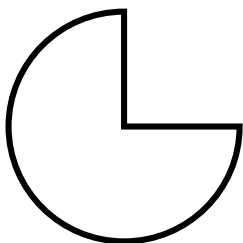
Compare Angles

1b. Label each of these angles as either obtuse or acute.



VF

2a. Draw an acute angle.

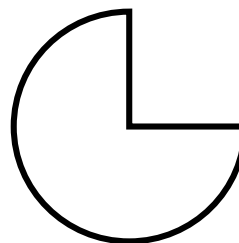


90° angle cut out given for reference.



VF

2b. Draw an obtuse angle.

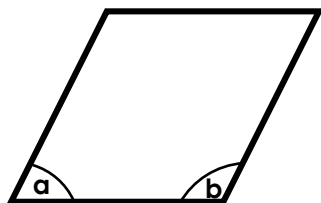


90° angle cut out given for reference.



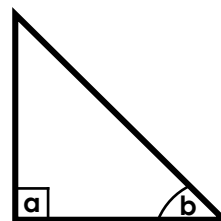
VF

3a. Label angles a and b in this shape as acute, right angle or obtuse.



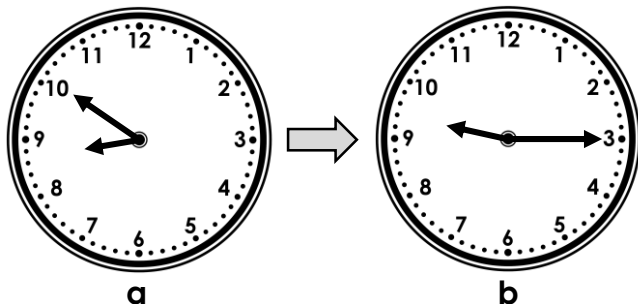
VF

3b. Label angles a and b in this shape as acute, right angle or obtuse.



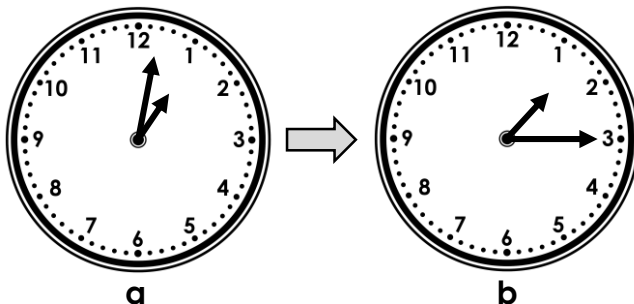
VF

4a. Has the minute hand moved through an acute or obtuse angle to get from a to b?



VF

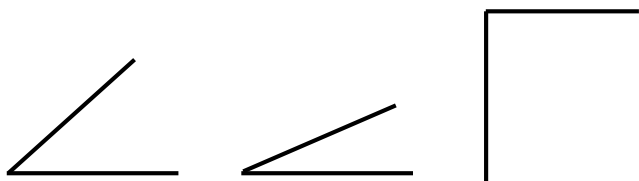
4b. Has the minute hand moved through an acute or obtuse angle to get from a to b?



VF

Compare Angles

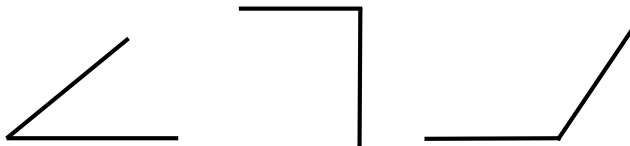
5a. Label each of these angles as either obtuse, acute or right angle.



VF

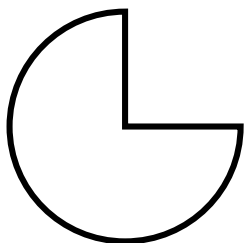
Compare Angles

5b. Label each of these angles as either obtuse, acute or right angle.



VF

6a. Draw four different acute angles.

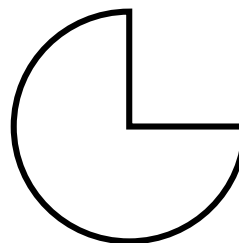


90° angle cut out given for reference.



VF

6b. Draw four different obtuse angles.

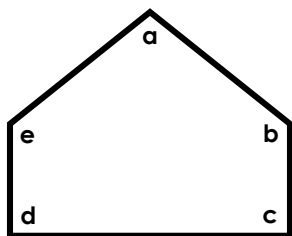


90° angle cut out given for reference.



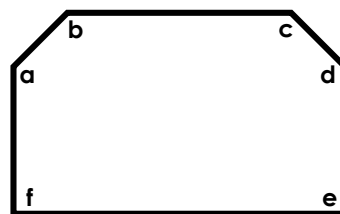
VF

7a. Label the angles in this shape as obtuse, acute or right angle.



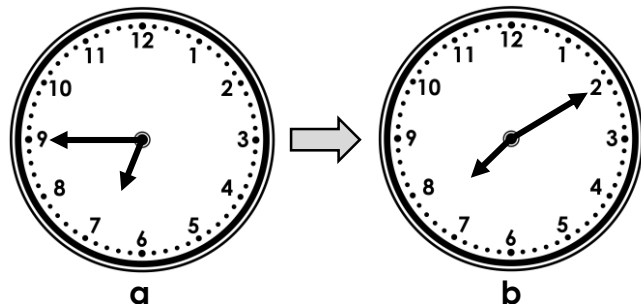
VF

7b. Label the angles in this shape as obtuse, acute or right angle.



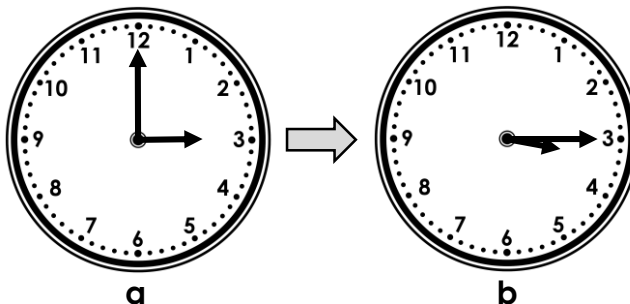
VF

8a. Has the minute hand moved through an acute, obtuse or right angle to get from a to b?



VF

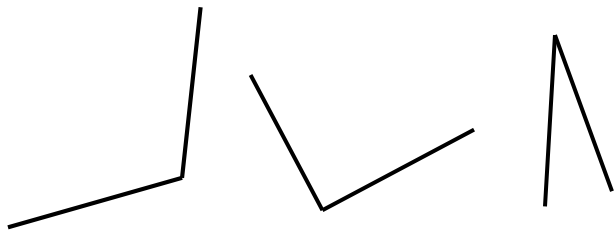
8b. Has the minute hand moved through an acute, obtuse or right angle to get from a to b?



VF

Compare Angles

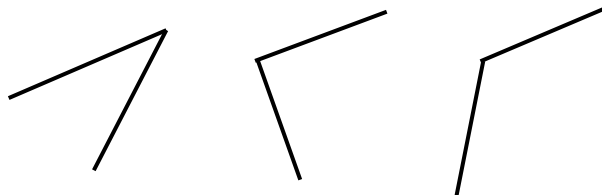
9a. Label each of these angles as either obtuse, acute or right angle.



VF

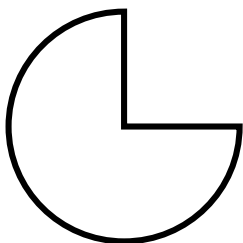
Compare Angles

9b. Label each of these angles as either obtuse, acute or right angle.



VF

10a. Draw four acute angles. All angles must face in different directions.

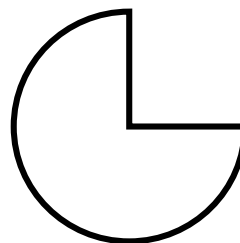


90° angle cut out given for reference.



VF

10b. Draw four obtuse angles. All angles must face in different directions.

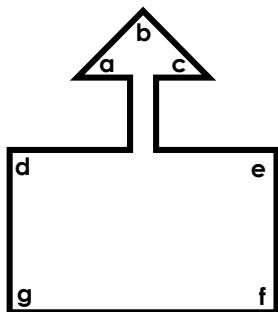


90° angle cut out given for reference.



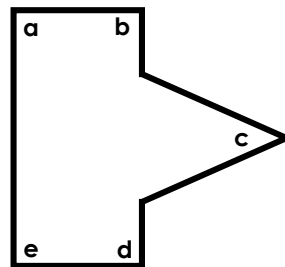
VF

11a. Label the angles in this shape.



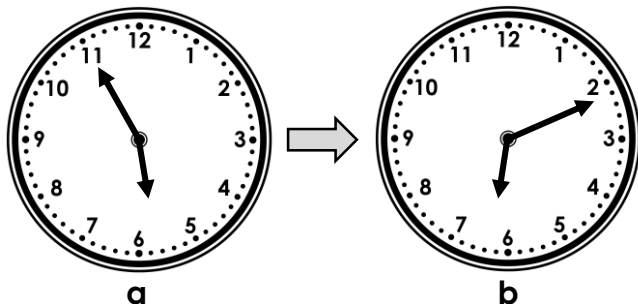
VF

11b. Label the angles in this shape.



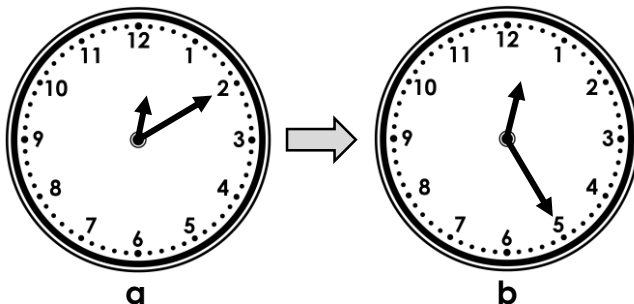
VF

12a. Has the minute hand moved through an acute, obtuse or right angle to get from a to b?



VF

12b. Has the minute hand moved through an acute, obtuse or right angle to get from a to b?



VF

Varied Fluency Compare Angles

Developing

- 1a. **Obtuse, acute**
- 2a. **Accept any angle between 0° and 90°**
- 3a. **a – acute, b – obtuse**
- 4a. **Obtuse**

Expected

- 5a. **Acute, acute, right angle**
- 6a. **Accept any 4 angles between 0° and 90° – all must be different.**
- 7a. **a – obtuse, b – obtuse, c – right angle, d – right angle, e – obtuse**
- 8a. **Obtuse**

Greater Depth

- 9a. **Obtuse, right angle, acute**
- 10a. **Accept any 4 angles between 0° and 90° – all must be facing different directions.**
- 11a. **a – acute, b – right angle, c – acute, d – right angle, e – right angle, f – right angle, g – right angle**
- 12a. **Obtuse**

Varied Fluency Compare Angles

Developing

- 1b. **Acute, obtuse**
- 2b. **Accept any angle between 90° and 180°**
- 3b. **a – right angle, b – acute**
- 4b. **Acute**

Expected

- 5b. **Acute, right angle, obtuse**
- 6b. **Accept any 4 angles between 90° and 180° – all must be different.**
- 7b. **a – obtuse, b – obtuse, c – obtuse, d – obtuse, e – right angle, f – right angle**
- 8b. **Right angle**

Greater Depth

- 9b. **Acute, right angle, obtuse**
- 10b. **Accept any 4 angles between 90° and 180° – all must be facing different directions.**
- 11b. **a – right angle, b – right angle, c – acute, d – right angle, e – right angle**
- 12b. **Right angle**