Year 8 Geometry

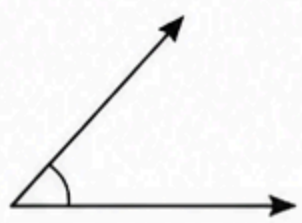
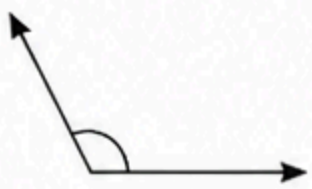
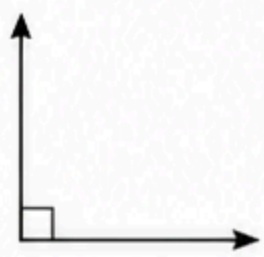
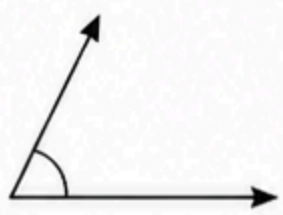
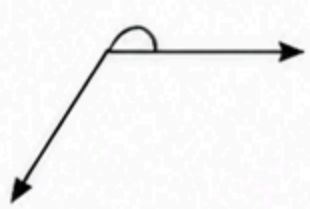
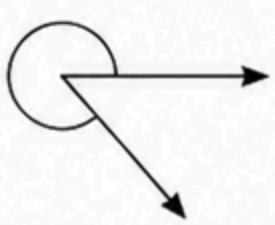
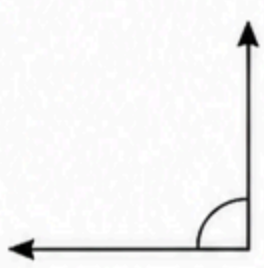
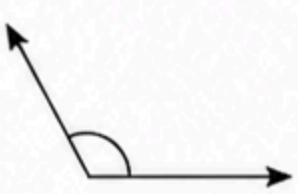
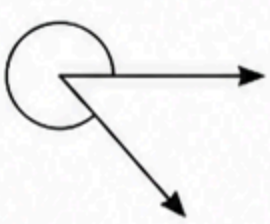
Name: _____ Date: _____

Identifying and Measuring Angles

Use a protractor to measure each angle. Then classify the angle as one of the following:

acute (< 90°) **obtuse (90°–180°)** **right (= 90°)** **straight (= 180°)** **reflex (> 180°)**

1. Measure each angle using a protractor. Write the size of each angle in degrees.

(a) 	(b) 	(c) 	(d) 	(e) 
Size: _____	Size: _____	Size: _____	Size: _____	Size: _____
(f) 	(g) 	(h) 	(i) 	(j) 
Size: _____	Size: _____	Size: _____	Size: _____	Size: _____

2. Classify each angle as acute, obtuse, right, straight or reflex.

(a) 35° _____	(b) 112° _____	(c) 90° _____	(d) 180° _____	(e) 265° _____
(f) 48° _____	(g) 138° _____	(h) 90° _____	(i) 175° _____	(j) 210° _____

3. Draw one example of each type of angle below. Label each angle clearly.

acute (< 90°)	obtuse (90°–180°)	right (= 90°)	straight (= 180°)	reflex (> 180°)