

Name _____

Exploring Angles

1. Angles are all around us.

- a. Find 5 angles in your classroom. Write where you found each angle and whether the angle is a right angle, less than a right angle, or greater than a right angle.

Angle 1: _____

Angle 2: _____

Angle 3: _____

Angle 4: _____

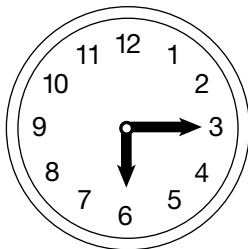
Angle 5: _____

- b. What type of angle did you find most often in your classroom? Why do you think this is?

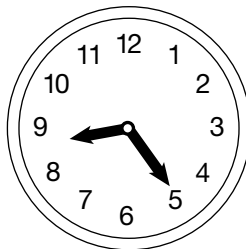
2. Jean says, "An octagon has 8 sides, but it only has 6 angles." Do you agree? Explain.

3. Which clock has hands that form a right angle? _____

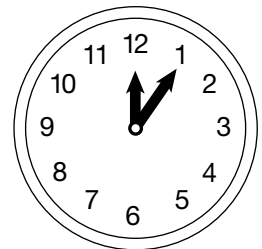
a.



b.



c.



4. What sort of angles does a regular pentagon have?

Name _____

Exploring Angles

1. Angles are all around us.

- a. Find 5 angles in your classroom. Write where you found each angle and whether the angle is a right angle, less than a right angle, or greater than a right angle.

Angle 1: Answers will vary. Possible answers: Corner of a

Angle 2: chalkboard—right angle, where a desk leg meets the

Angle 3: desk top—right angle, corner of a window—right

Angle 4: angle, an open desk top—less than a right angle,

Angle 5: wide open classroom door—more than a right angle

- b. What type of angle did you find most often in your classroom? Why do you think this is?

Answers depend on answers to 1a. Possible answer:

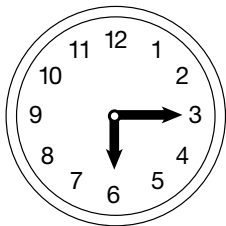
Right angle; because most shapes in the classroom are rectangles or squares, which have right angles.

2. Jean says, “An octagon has 8 sides, but it only has 6 angles.” Do you agree? Explain.

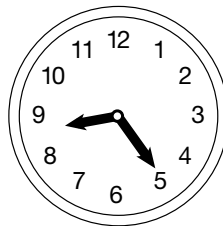
No; A shape with 8 sides must also have 8 angles.

3. Which clock has hands that form a right angle? a

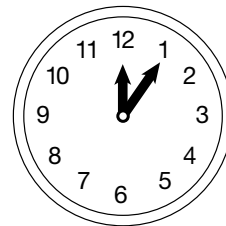
a.



b.



c.



4. What sort of angles does a regular pentagon have?

Angles greater than a right angle