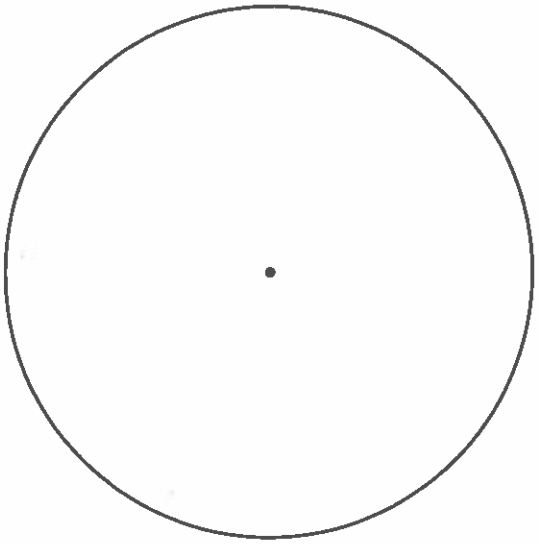
Name _____ Date _____

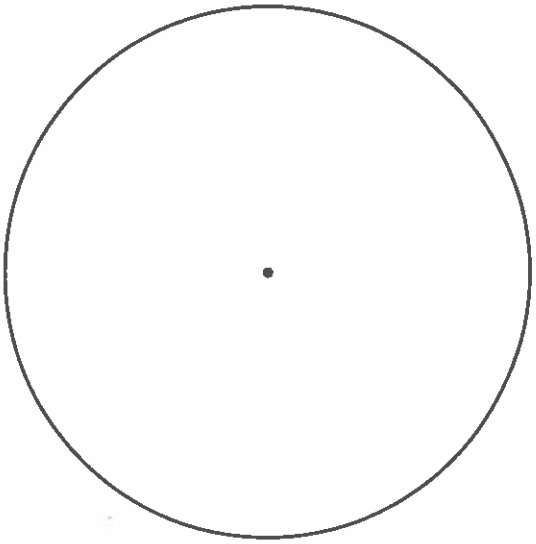
Homework

Use a straightedge and a protractor to draw and shade an angle of each type. Measure and label each angle.

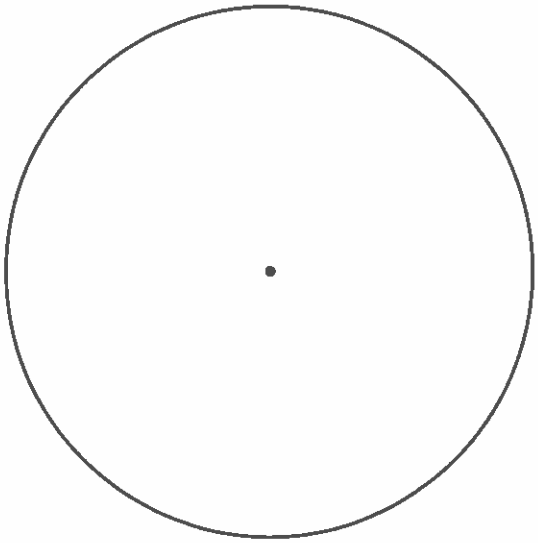
1. acute angle less than 40°



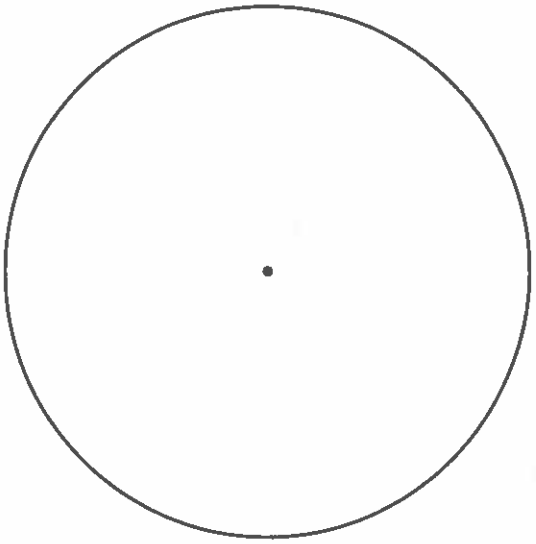
2. acute angle greater than 40°



3. obtuse angle less than 160°



4. four angles with a sum of 360°



5. Write out the sum of your angle measures in Exercise 4 to show that the sum equals 360°.

_____

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8-3 Name Date

Remembering

Complete.

1. $\frac{4}{7} = \frac{4 \times \square}{7 \times \square} = \frac{12}{\square}$

2. $\frac{5}{8} = \frac{5 \times \square}{8 \times \square} = \frac{\square}{40}$

3. $\frac{8}{9} = \frac{8 \times \square}{9 \times \square} = \frac{32}{\square}$

4. $\frac{1}{4} = \frac{1 \times \square}{4 \times \square} = \frac{12}{\square}$

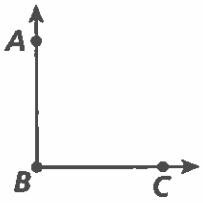
5. $\frac{3}{10} = \frac{3 \times \square}{10 \times \square} = \frac{\square}{70}$

6. $\frac{2}{11} = \frac{2 \times \square}{11 \times \square} = \frac{12}{\square}$

Use a protractor to find the measure of each angle.

7. 

_____

8. 

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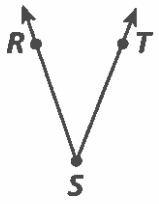
9. 

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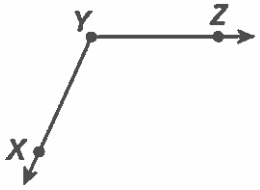
10. 

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11. **Stretch Your Thinking** Draw an angle with a measure of 0°. Describe your drawing.

_____

_____

_____

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