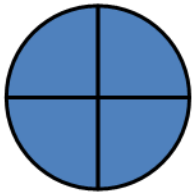
Angles in Circles



Materials: number cubes, rulers, protractors, recording sheet

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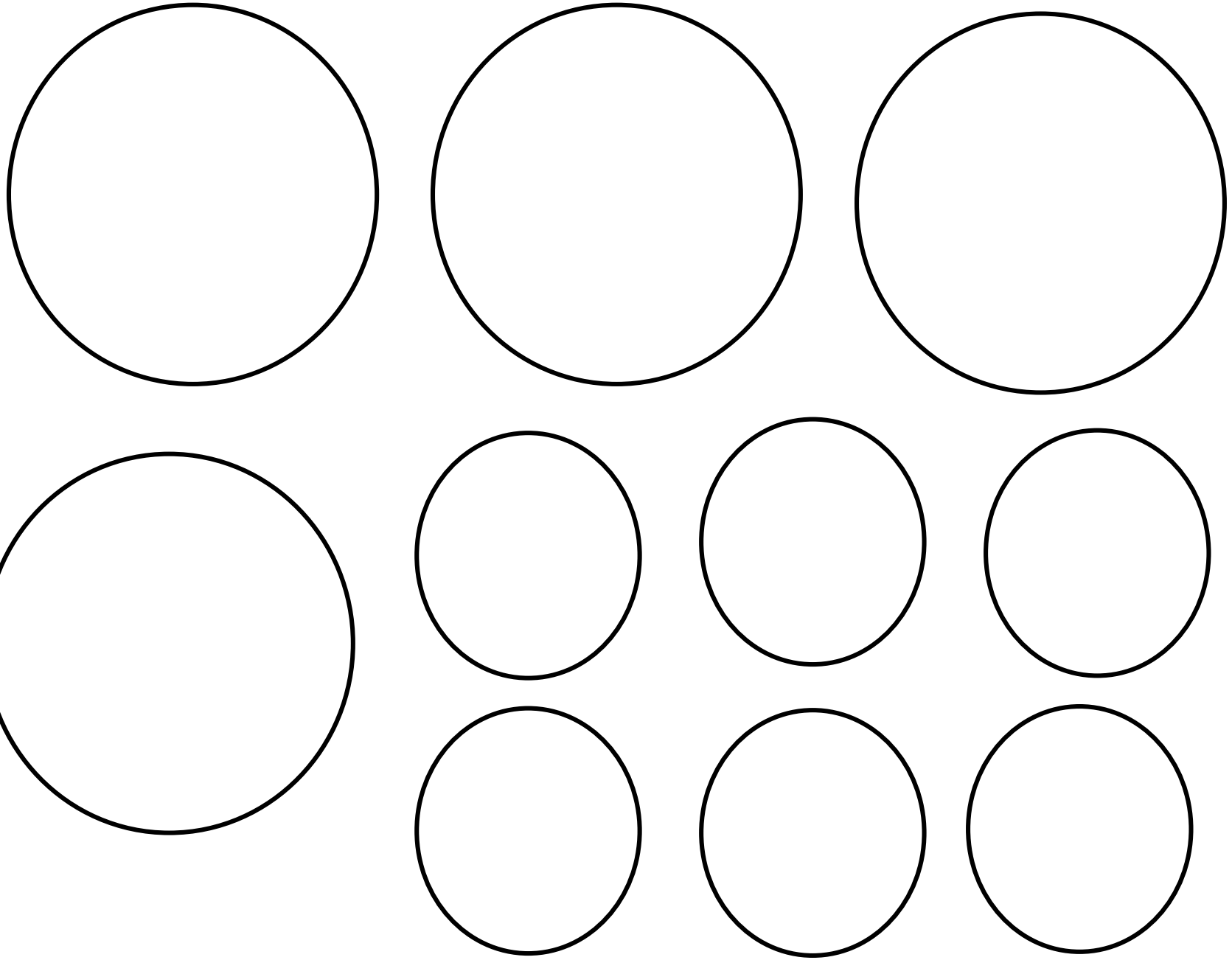
1. Roll a number cube marked 1-6. Divide one circle on your recording sheet into this number of equal sections. Measure and record the angles in the circle.

2. Continue to roll, divide and record until you have completed ten circles.

3. How did measuring the first angle help you find the measure of the other angles in each circle?

4. Find one example where you divided both a large and small circle into the same number of sections. Did the size of the circle affect the measure of the angles? Explain.

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