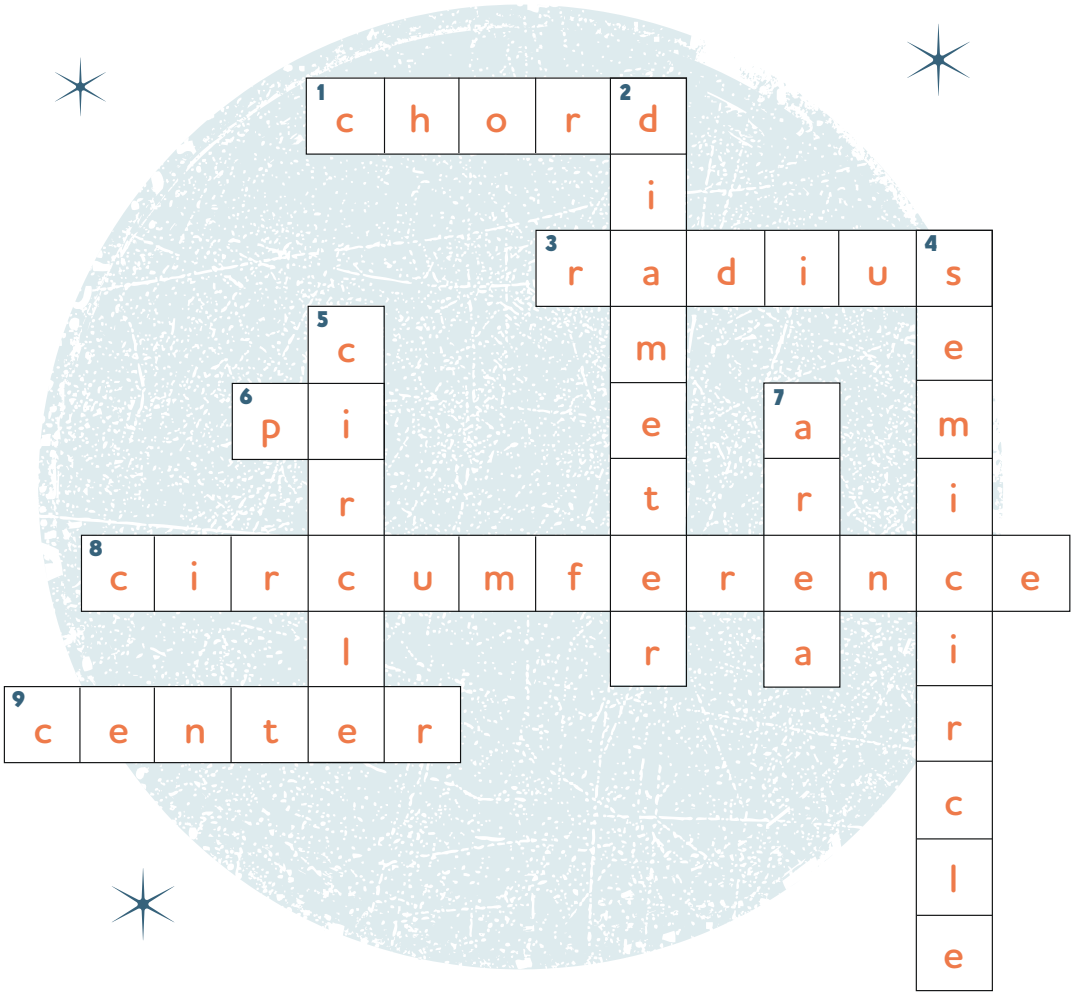
Name _____ Date Answer Key

CIRCLE VOCABULARY

CROSSWORD PUZZLE

Use the clues to complete the puzzle.



ACROSS

1. A line segment with endpoints on a circle
3. A line segment with one endpoint at the center of a circle and the other endpoint on the circle
6. The ratio of a circle's circumference to its diameter
8. You can find the _____ of a circle using the formula $2\pi r$, where r is the radius.
9. The point inside a circle that is the same distance from each point on the circle

DOWN

2. A line segment that has endpoints on a circle and passes through the circle's center
4. Half of a circle
5. The shape created by all points that are the same distance away from a specific point
7. You can find the _____ of a circle using the formula πr^2, where r is the radius.

PI FUN FACT: Pi is an irrational number, which means that pi's decimal expansion never terminates or repeats. So, the exact value of pi is unknown. Since the exact value of pi can never be calculated, you cannot find the exact area or circumference of a circle.

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