

Name _____

Benchmark Bound Answer Key

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|------------------|-------------------|-------------------|
| 1. 0 | 6. 1 | 11. $\frac{1}{2}$ |
| 2. $\frac{1}{2}$ | 7. 0 | 12. $\frac{1}{2}$ |
| 3. 1 | 8. $\frac{1}{2}$ | 13. 0 |
| 4. 0 | 9. 1 | 14. $\frac{1}{2}$ |
| 5. $\frac{1}{2}$ | 10. $\frac{1}{2}$ | 15. 1 |

Teacher's Guide

- Quick implementation: Review 0, $\frac{1}{2}$, and 1 as fraction benchmarks before students begin. Encourage students to compare each fraction with these three values rather than calculate a decimal.
- Differentiation: For support, let students draw a number line from 0 to 1 and mark $\frac{1}{2}$ in the center. For a challenge, ask students to explain how they know which benchmark is closest.
- Engagement: Have students earn one point for each correct benchmark and try to reach a "Benchmark Expert" score of 13 or more.
- Extension: Students can create three additional proper fractions, one that rounds to each benchmark, and trade them with a partner to solve.