

Benchmark Values Answer Key

1. 4 and 5, 5, 5
2. 8.3 and 8.4, 8.3, 8.3
3. 2.58 and 2.59, 2.59, 2.59
4. 9 and 10, 9, 9
5. 6.7 and 6.8, 6.8, 6.8
6. 1.14 and 1.15, 1.15, 1.15
7. 13 and 14, 14, 14
8. 7.5 and 7.6, 7.5, 7.5
9. 0.29 and 0.30, 0.29, 0.29
10. 15 and 16, 15, 15
11. 3.9 and 4.0, 4.0, 4.0
12. 5.80 and 5.81, 5.80, 5.80

Teacher's Guide

- Draw one sample number line and model how to find the two benchmark values before students begin.
- Encourage students to imagine or sketch a quick number line for each problem if they need visual support.
- Pair students so they can explain why a decimal is closer to one benchmark than the other.
- Provide place value charts for students who need help identifying the target place.
- Challenge advanced students to create a decimal that rounds to a given benchmark but is just barely closer than the other option.
- Extend the lesson by having students draw their own number lines and exchange problems with a partner.