

Benchmark Check Answer Key

1. About 1 whole
2. About 2 cups
3. About 10
4. Greater than 15
5. Less than 1 whole
6. About 8
7. Less than 20
8. Less than 1 whole

Teacher's Guide

- Quick implementation tips
 - Review benchmark numbers such as 0, $\frac{1}{2}$, 1, and whole numbers before starting.
 - Encourage students to estimate mentally without calculating exact answers.
 - Discuss why an estimate can be useful before solving.
- Differentiation strategies
 - Allow students to use fraction strips or number lines to visualize benchmarks.
 - Pair students to explain their reasoning before choosing an estimate.
 - Challenge advanced students to justify their estimates using fraction comparisons.
- Engagement ideas
 - Have students vote on each estimate before revealing the reasoning.
 - Ask students to explain which benchmark helped them most for each problem.
- Extension activities
 - Have students solve the problems exactly and compare the answers to their estimates.
 - Ask students to write a fraction word problem that has an answer about a chosen benchmark, then exchange with a partner.