

Cumulative Recalculation Review - Part 2

Fractions, Decimals, and Percents

Name: _____ Grade: _____ Date: _____

ROAD TEST. Do not reteach everything from a single miss. Look for a cluster: representation, relationship, operation, units/base, or checking. Then route back precisely.

1. Write $\frac{3}{8}$ as a decimal and percent, then place all three forms on one number line.

2. Find 35% of 80. Estimate first using a benchmark, then calculate exactly.

3. 24 is 30% of what number? Label the part, whole, and percent before solving.

4. 18 is what percent of 24? Give the answer as a fraction, decimal, and percent.

5. A \$72 item is 25% off. Find the discount and the sale price using two methods.

6. A \$120 value increases by 15% and then decreases by 10%. Track the base at each step and find the final amount.

7. Error repair: A student says a 20% increase followed by a 20% decrease returns to the original. Use a simple starting value to test the claim.

8. Reflection: In which item did identifying the whole or base matter most? Explain.

Recalculation decision: Which earlier chapter or representation would you revisit first if two or more answers reveal the same gap? Write the chapter/idea and one reason.
