Multi-Step Problems With Decimals or Fractions

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.NSO.2.3 | STUDENT WORKSHEET

Name: _____ **Date:** _____

Directions: Solve each problem. Show your work in the space provided.

1. Gas costs $3.25 per gallon. Ed buys 12.4 gallons and a $2.50 snack. How much does he spend?

2. A recipe uses $\frac{3}{4}$ cup of sugar per batch. Ana makes 5 batches and starts with 4 cups. How much sugar is left?

3. A $6\frac{2}{3}$-mile trail is split into 4 equal parts. Lee walks 3 parts. How far does he walk?

4. A 15.6-meter rope is cut into 6 equal pieces. Two pieces are used. What length is used?

5. Shirts cost $12.95 each. Mo buys 3 and uses a $5 coupon. How much does he pay?

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Answer Key

1. $42.80

3.25 × 12.4 = 40.3, and 40.3 + 2.5 = 42.8

2. $\frac{1}{4}$ cup

$5 \times \frac{3}{4} = \frac{15}{4}$, and $4 - \frac{15}{4} = \frac{1}{4}$

3. 5 miles

$6\frac{2}{3} \div 4 = \frac{5}{3}$, and $3 \times \frac{5}{3} = 5$

4. 5.2 meters

15.6 ÷ 6 = 2.6, and 2 × 2.6 = 5.2

5. $33.85

3 × 12.95 = 38.85, and 38.85 − 5 = 33.85

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