

5th Grade Decimal Word Problems - Answer Key

5th Grade - decimal word problems (money and measurement) | 20 minutes

Read each problem. Write the equation, line up the decimal points, and write the answer with its label.

Example: A snack costs \$2.50 and a drink \$1.75. Total = $2.50 + 1.75 = \$4.25$.

1. A book costs \$7.45 and a pen costs \$2.30. How much for both?

Answer: $7.45 + 2.30 = \$9.75$

2. Mia had \$20.00 and spent \$13.65. How much is left?

Answer: $20.00 - 13.65 = \$6.35$

3. A runner ran 5.6 km on Monday and 4.85 km on Tuesday. How far in total?

Answer: $5.6 + 4.85 = 10.45$ km

4. A ribbon is 3.2 m long. You cut off 1.75 m. How much is left?

Answer: $3.2 - 1.75 = 1.45$ m

5. Apples cost \$1.20 per pound. How much for 4 pounds?

Answer: $1.20 \times 4 = \$4.80$

6. A bottle holds 0.75 L. How much do 6 bottles hold?

Answer: $0.75 \times 6 = 4.5$ L

Challenge

7. Sam bought 3 notebooks at \$2.25 each and paid with a \$10 bill. How much change?

Answer: $2.25 \times 3 = 6.75$, then $10.00 - 6.75 = \$3.25$

8. Why must decimal points be lined up when adding?

Answer: So that tenths add to tenths and hundredths to hundredths (same place values).