



Name _____

Date _____

1. Draw lines to match each expression to its word problem.

a. $(0.82 - 0.4 + 0.28) \times 2.5$

Jada buys 0.82 pounds of milk chocolate, 0.4 pounds of dark chocolate, and 0.28 pounds of white chocolate. Each pound of chocolate costs \$2.50. How much does Jada spend on chocolate?

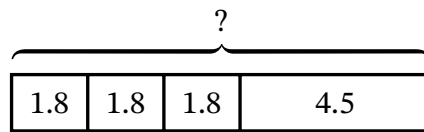
b. $0.82 + 0.4 - 0.28 + 2.5$

Adesh finds \$0.82 in his pocket and \$0.40 under the sofa. He spends \$0.28 on an eraser. His mom gives him \$2.50. What is the total amount of money Adesh has?

c. $(0.82 + 0.4 + 0.28) \times 2.5$

Leo pours 0.82 liters of water into his empty bottle. He drinks 0.4 liters. Then he pours 0.28 liters more into his bottle. His sister's water bottle has 2.5 times as many liters of water. How many liters of water are in his sister's water bottle?

2. Consider the tape diagram.



- a. Write an expression that represents the tape diagram.
- b. Write a word problem that can be represented by the tape diagram and expression.

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3. Consider the expression.

$$(5 \times 2.5) + 3.75$$

- a. Write a word problem that can be represented by the given expression.

- b. Solve your problem.

4. Consider the expression.

$$(1.75 - 0.95) \div 2$$

- a. Write a word problem that can be represented by the given expression.

- b. Solve your problem.