

## Multiple-Step Problems



Fernando is going to the movie theater with his friends. He has \$30 in his wallet. His mother gives him \$20 more. He wants to buy as many movie tickets as possible with this money.

- Which equation shows how much money Fernando has in all?
  - $\$30 \times 2 = \$60$
  - $\$30 + \$20 = \$50$
  - $\$50 + \$50 = \$100$
  - $\$20 \times 3 = \$60$
- Which algebraic expression can be used to calculate the number of tickets Fernando can buy? (The variable  $y$  = ticket price.)
  - $y \div \$50$
  - $\$50 \div y$
  - $\$50 - y$
  - $\$30 + 20 - y$



# Preview

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Hadley has a coupon that she can use at the movie theater. It says, "Buy one ticket, get a second ticket half off." A movie ticket regularly costs \$12.

- Which equation shows the regular price of two movie tickets?
  - $12 + 6 = \$18$
  - $\$12 \times 0.5 = \$6$
  - $\$12 \times 6 = \$72$
  - $\$12 \times 2 = \$24$
- Which expression shows the price of two movie tickets with the coupon?
  - $12 + (12 \times 2)$
  - $12 \times (12 + 2)$
  - $12 + (12 \div 2)$
  - $12 - (12 \div 2)$
- How much will Hadley pay for two tickets if she uses the coupon? \_\_\_\_\_

## Multiple-Step Problems



Fernando is going to the movie theater with his friends. He has \$30 in his wallet. His mother gives him \$20 more. He wants to buy as many movie tickets as possible with this money.

1. Which equation shows how much money Fernando has in all?

a.  $\$30 \times 2 = \$60$

**b.  $\$30 + \$20 = \$50$**

c.  $\$50 + \$50 = \$100$

d.  $\$20 \times 3 = \$60$

# Preview

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**c.  $12 + (12 \div 2)$**

d.  $12 - (12 \div 2)$

7. How much will Hadley pay for two tickets if she uses the coupon?

**\$18**