

Movie Theater Math

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.)
 - $y \div \$50$
 - $\$50 \div y$

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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 regular 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 Haley pay for two tickets if she uses the coupon? _____

ANSWER KEY

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Fernando is going to the movie theater with his friends.
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- Which equation shows how much money Fernando has in all? **b**
 - $\$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? **b**
(The variable y = ticket price.)

3. If

4. If

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H

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5. W

6. W

7. H

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