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

2. Which algebraic expression can be used to calculate the number of tickets Fernando can buy? (The variable $y = ticket \ price.$)
   a. $y \div $50  
   b. $50 \div y  
   c. $50 - y  
   d. $30 + 20 - y

3. __________________________

4. __________________________

5. 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?
   a. $12 + 6 = $18  
   b. $12 \times 0.5 = $6  
   c. $12 \times 6 = $72  
   d. $12 \times 2 = $24

6. Which expression shows the regular price of two movie tickets, with the coupon?
   a. $12 + (12 \times 2)  
   b. $12 \times (12 + 2)  
   c. $12 + (12 \div 2)  
   d. $12 - (12 \div 2)

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

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   - d. $30 + 20 - y$

3. If tickets cost $5 each, how many tickets can Fernando buy?  
   - 10

4. If tickets cost $7 each, will he have enough money to buy tickets for himself and 7 friends?  
   - No
   - Fernando plus seven friends is 8 people. 8 tickets at $7 each would cost $56. Fernando only has $50.

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