Problem Solving: Write an Expression

Write an expression to solve each problem.

1. At the Cupcake Factory, Ramon buys one large chocolate cupcake for $2.50 and 6 times as many lemon cupcakes. How much does Ramon spend on cupcakes?

2. To make a pillow, Kira needs 56 inches of fabric and 4 times that amount of trim. How much trim does Kira need?

3. John spent 5 more hours working on his science fair project than Hannah. Abigail spent twice as long as John. If Hannah spent 19 hours on her project, how long did it take Abigail to complete her project?

4. Kevin has a collection of football cards. He has 3 times as many American Conference cards as National Conference cards. He decides to give 32 American Conference cards to his cousin. If he had 46 National Conference cards, how many American Conference cards does he now have?

5. Noreen makes clay pottery. On Saturday, she had 15 pottery vases. On Sunday, she made 5 more, and on Monday, she sold half of the total number of vases. By Wednesday, she had sold 3 more vases, and had made 5 more. How many vases did she have by the end of the day on Wednesday?

6. Make a story problem for the expression below. Then solve the problem.
\[(n + 15) ÷ 5\]