

**5B Formulate a possible problem situation when given a simple equation**

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1. Mr. Case bought a used car on credit. If he owes \$2640 and will make payments of \$220, which equation can be used to determine the number of payments Mr. Case will make?
- A  $\frac{P}{220} = 2640$   
B  $220 + p = 2640$   
C  $p - 220 = 2640$   
D  $220p = 2640$
2. Juan earned twice as much money mowing yards this month as last month. If  $x$  represents how much Juan earned last month, which expression represents how much he earned this month?
- A  $x + 2$   
B  $2 \div x$   
C  $2x$   
D  $x^2$
3. Arnold has 125 baseball cards and has 12 more than Jorge. Which equation could be used to find  $b$ , the number of baseball cards Jorge has?
- A  $b = 125 \div 12$   
B  $b = 125 - 12$   
C  $b = 125 \times 12$   
D  $b = 125 + 12$
4. A rental car company charges \$5.00 an hour plus \$0.25 per mile. They use the expression  $5d + 0.25m$  to determine the cost of the rental. What would a customer pay if they rented a car for 3 days and drove it 45 miles?
- A \$37.75  
B \$26.25  
C \$22.25  
D \$15.25