

**Lesson 13.6** Expressions and Equations

HW

Read the problem carefully and solve. Show your work under each question.

The skating rink charges \$100 to reserve the rink, and then \$5 per person. Write an expression to represent the cost for any number of people.

$$n = \text{the number of people}$$

$$100 + 5n$$

cost to reserve rink
price per person

1. Maria has three more than twice as many pens as Liz. Write an expression to represent the number of pens Maria has.

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4. Santo made 4 less than twice as many cupcakes as Lynn. Write an equation to represent the number of cupcakes that Santo made.

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2. An amusement park charges \$28 to enter and \$0.35 per ticket for rides. Write an expression to represent the total amount spent.

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5. Tom earned \$5 mowing the lawn on Saturday. He earned more money on Sunday. Write an equation that shows the amount of money Tom has earned.

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3. Drew has a job doing yard work. He is paid \$15 per hour and a \$20 bonus when he completes a yard. Write an equation to represent the amount of money he earned after completing one yard.

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6. Describe a problem situation that can be solved using the equation  $2c + 3 = 15$  where  $c$  represents the cost of an item.

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