

Name _____

Date _____

Writing Expressions

Prices:

Notebooks: \$4

Binders: \$5

Lunchboxes: \$7

Markers: \$3

Backpacks: \$12

Calculators: \$11

- 1) a) If you went to the store and bought 5 notebooks and one lunchbox, how much would it cost?

How did you find your answer? _____

b) Suppose you didn't know how many notebooks you were going to buy. How much would it cost for notebooks and one lunchbox? Write an expression. (Hint: Use an x instead of the 5)

- 2) a) If you went to the store and bought one backpack and 6 packages of markers, how much would it cost? _____

How did you find your answer? _____

b) Suppose you didn't know how many packages of markers you were going to buy. How much would it cost for markers and one backpack? Write an expression. _____

- 3) a) If you went to the store and bought 4 binders and a calculator, how much would it cost? _____

How did you find your answer? _____

b) Suppose you didn't know how many binders you were going to buy. How much would it cost for binders and one calculator? Write an expression. _____

- 4) a) If you went to the store and bought 2 lunchboxes, 3 notebooks, and one backpack, how much would it cost? _____

How did you find your answer? _____

b) Suppose you didn't know how many notebooks you were going to buy. How much would it cost for the lunchboxes, notebooks, and one backpack? Write an expression. _____

- 5) a) If you went to the store and bought 4 packages of markers and a calculator, how much change would you get back if you gave the cashier \$50? _____

How did you find your answer? _____

b) Suppose you didn't know how many packages of markers you were going to buy. How much change would you get back if you gave the cashier \$50? Write an expression. _____

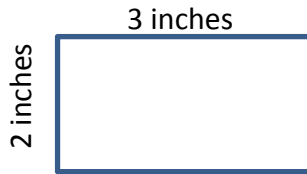
- 6) A recipe calls for 3 cups of white sugar and several cups of brown sugar. How many cups of sugar are needed? _____
 What does your variable stand for? _____
- 7) Susan ran 5 miles to start her marathon training. Since then she has run 3 miles a day. How many miles has she run in total? _____
 What does your variable stand for? _____
- 8) Bobby did 14 math problems for homework. Each of his friends did 12 math problems. How many math problems did they do altogether? _____
 What does your variable stand for? _____
- 9) Doug ran 18 miles for his training last week. This week he has run at a steady pace of 6 miles per hour. How far has he run in total? _____
 What does your variable stand for? _____
- 10) An electrician charges \$75 for the service call and \$50 an hour. How much will the total service cost? _____
 What does your variable stand for? _____
- 11) You order some baseball cards online for \$8 each. The shipping costs \$5.99. What is the total cost of your order? _____
 What does your variable stand for? _____
- 12) A sports club charges \$70 a month to be a member and \$2 to rent the tennis court. How much will it cost you a month for the membership fee and to play tennis? _____
 What does your variable stand for? _____
- 13) You got \$45 for your birthday. You also get \$10 a week for allowance. How much money will you have after w weeks? _____
 What does your variable stand for? _____
- 14) You got \$150 for your birthday. You spend \$5 a week on candy. How much money will you have after w weeks? _____
 What does your variable stand for? _____
 Can w be any number? _____
 Explain: _____
- 15) You have 20 pieces of candy left from Halloween. Your friend wants to put all of their candy and your candy in a pile and split it equally between the two of you. How many pieces of candy will you get? _____
 What does your variable stand for? _____

Name _____

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Writing Expressions- Geometry

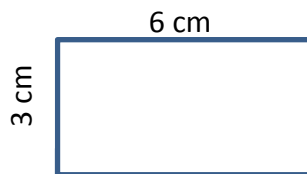
- 1) Find the perimeter of the rectangle.



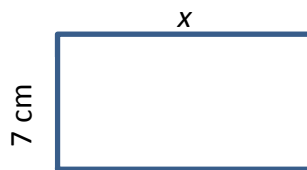
- 2) Find the perimeter of the rectangle. Write an expression.



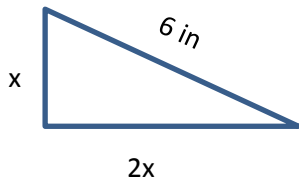
- 3) Find the area of the rectangle.



- 4) Find the area of the rectangle. Write an expression.



- 5) Find the perimeter of the triangle. Write an expression.



- 6) Find the area and perimeter of the rectangle. Write an expression.

