

Area and Perimeter Models

Assignment **Math 5**

PART A

1. Use the equation to complete the sentence

$$14 = 2 \times 7$$

14 is 2 times as much as _____

2. Write a multiplicative comparison statement that explains this equation.

$$18 = 2 \times 9$$

3. Write the equation that represents the statement below.

28 is 4 times more than 7.

Area and Perimeter ModelsAssignment **Math 5****Part B**

1. Sally has 45 beads. Sally has 5 times more beads than Jack has. How many beads does Jack have?

Equation	Solution

2. A pack of six chocolate costs 6 times as much as a single chocolate. A single chocolate costs \$5. How much does a pack of chocolate cost?

Equation	Solution

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3. Edward ate 50 grapes. He ate 5 times as many as Kelly did. How many grapes did Kelly eat?

Equation	Solve it

4. There are 30 giraffes in the zoo. There are 4 times as many birds as giraffes. How many birds are there?

Equation	Solve it

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5. Jen baked 15 cupcakes for her friend's birthday. Savanna baked 5 cupcakes for her friend's birthday. How many times more cupcakes did Jen bake than Savanna?

Equation	Solve it

6. Ben made 40 paper planes during recess. That's 5 times more than Henry made. How many paper planes did Henry make during recess?

Equation	Solve it

Area and Perimeter ModelsAssignment **Math 5****Part C**

1. There are 6 penguins at the Bronx zoo. There are 7 times as many penguins at the Maryland zoo.

Which equation will help us find how many penguins are at the Maryland zoo? Circle the correct answer and explain why.

a. $6 \times n = 5$

b. $7 \times 6 = n$

c. $n \times 6 = 7$

d. $6 + 7 = n$

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2. Norma went to the pumpkin patch with her friend, Hanna. Norma picked 10 pumpkins. Norma picked 2 times more pumpkins than Hanna did. How many pumpkins did Hanna pick?

Which equation can you use to find how many pumpkins Hanna picked? Circle the correct answer and explain why.

a. $10 \times n = 2$

b. $2 \times n = 10$

c. $n \times 2 = 10$

d. $10 + 2 = n$

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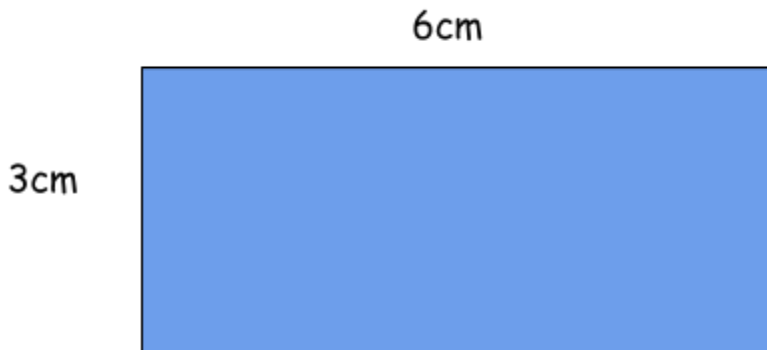
Part D.

1. What is the area of this rectangle? Show your work.



Answer _____

2. What is the perimeter of this rectangle? Show your work.



Answer _____

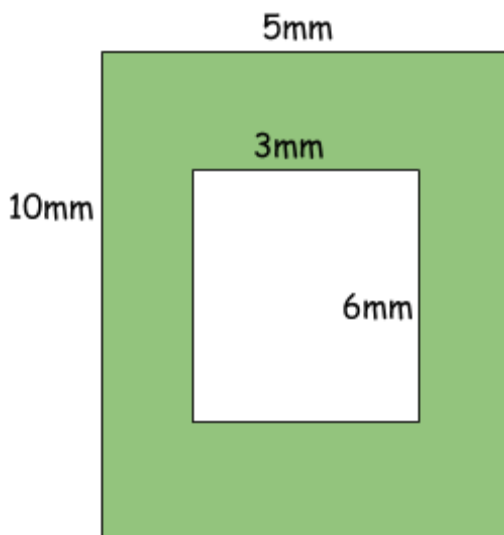
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3. What is the width of this rectangle? Show your work.



Answer _____

4. What is the area of the shaded region? Show your work.



Answer _____

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5. A book had a length of 6 inches and a width of 10 inches. What is the area of the book?

Equation	Solve it

6. A playground is 60m wide and 50m long. What is its perimeter?

Equation	Solve it