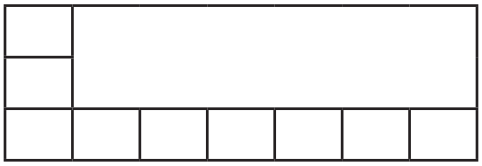
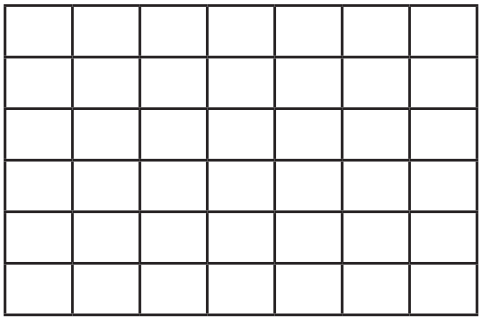
Name: _____

- **In tiling, place the number of tiles across the top and side to form a rectangle**
- **To find the area of a rectangle, you will multiply the length times the width**
- **Remember, that multiplication or addition are used to find the area or perimeter of figure**

Maria used square tiles to find the area of a rectangle. The rectangle was 7 tiles along the bottom and 3 tiles along the side. What is the area of the rectangle? *Draw in the titles with the video.*



Carlos drew the rectangle below. What is the area of this rectangle? What is the perimeter of this rectangle? *Show your work.*

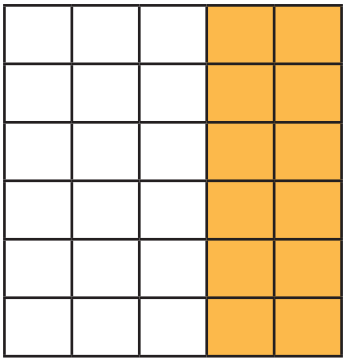


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Name: _____

The next few questions are dealing with the shaded rectangle below:

- What is the area of the unshaded of the model?
- What is the area of the shaded side of the model?
- What is the area of the entire model?



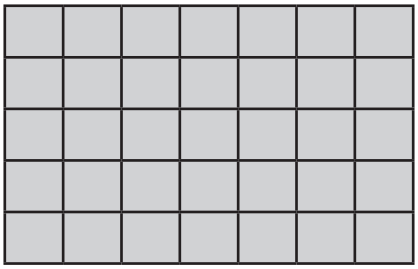
Determine the area and perimeter. Draw your models and show your work.

1. Yolanda is building an area model that is 8 tiles across and 4 tiles down. Draw Yolanda's area model and then determine the area.



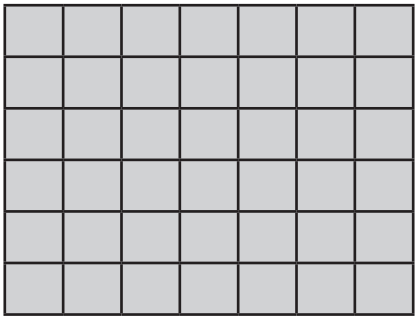
2. What is the area of this rectangle?

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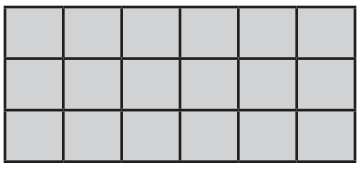


3. Write a multiplication sentence to represent the area of the rectangle above. Remember to include the product.

4. Find the perimeter of the area model. Write an addition sentence to represent the perimeter of the rectangle. Remember to include the sum.

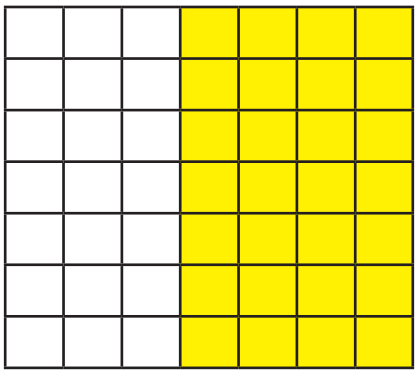


5. What is the area of a rectangle that has 6 tiles across and 3 tiles down? What is the perimeter of the rectangle?



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6. Kim and Jamie are best friends. They are playing in Kim's sandbox and decide to build sandcastles. Jamie's sandcastle area is 4 tiles across and 7 tiles down. Kim's sandcastle area is 3 tiles across and 7 tiles down. How many tiles does Jamie's sandcastle use? How many tiles does Kim's sandcastle use? What is the total area of the sandbox?



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