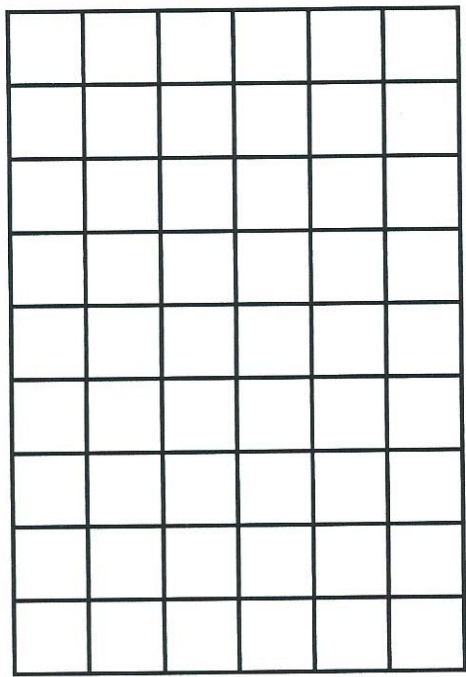


Name: \_\_\_\_\_

### Reduction or Enlargement?

1. Use the centimeter grid to create a new rectangle with dimensions that are 2 times the original rectangle. Label the length and width of the new rectangle.

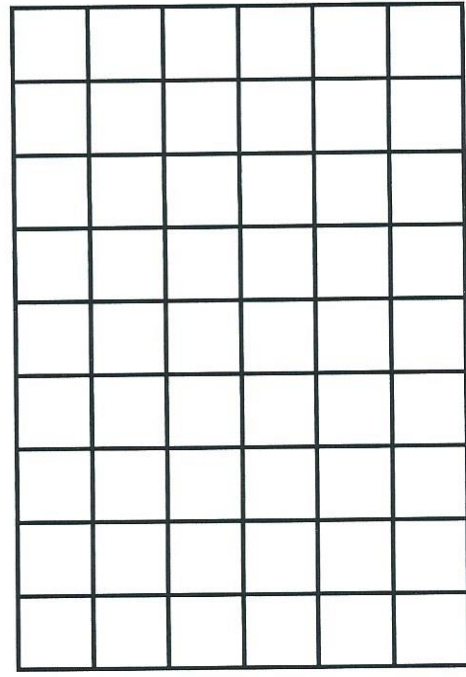


New Width: \_\_\_\_\_

New Length: \_\_\_\_\_

- a. On the new rectangle, highlight the length in green and the width in yellow.
- b. Is the new rectangle an enlargement or a reduction of the original rectangle? How do you know?

2. Use the centimeter grid to create a new rectangle with dimensions  $\frac{1}{2}$  the original rectangle. Label the length and width of the new rectangle.

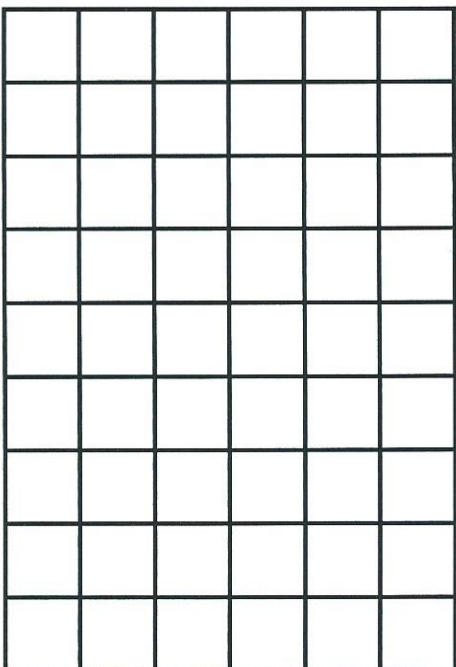


New Width: \_\_\_\_\_

New Length: \_\_\_\_\_

- a. On the new rectangle, highlight the length in green and the width in yellow.
- b. Is the new rectangle an enlargement or a reduction of the original rectangle? How do you know?

3. Use the centimeter grid to create a new rectangle with dimensions  $2\frac{1}{2}$  times the original rectangle. Label the length and width of the new rectangle.

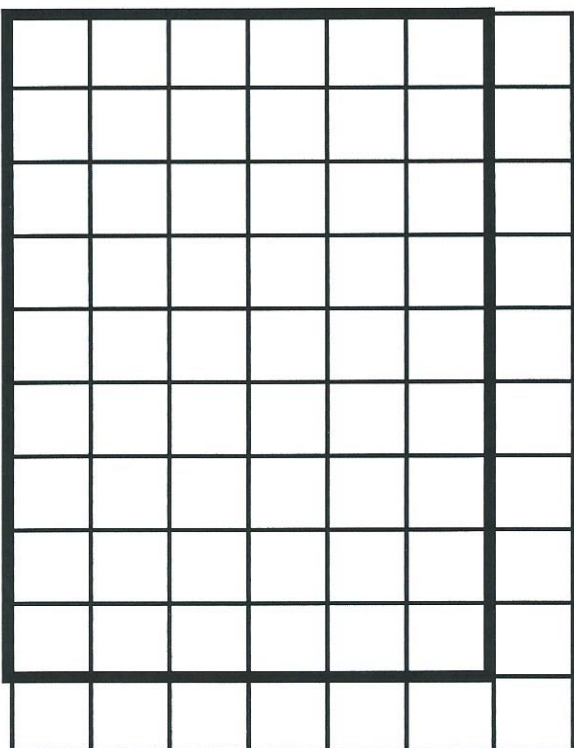


New Width: \_\_\_\_\_

New Length: \_\_\_\_\_

- On the new rectangle, highlight the length in green and the width in yellow.
- Is the new rectangle an enlargement or a reduction of the original rectangle? How do you know?

4. The dimensions of the rectangle drawn below are \_\_\_\_\_ times the original rectangle.

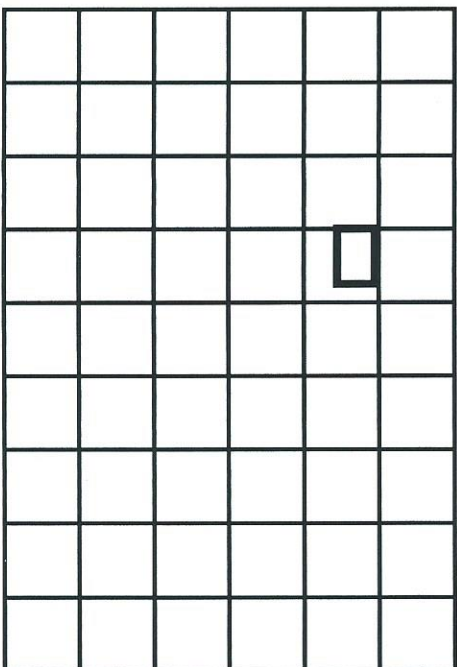


New Width: \_\_\_\_\_

New Length: \_\_\_\_\_

- On the new rectangle, highlight the length in green and the width in yellow.
- Is the new rectangle an enlargement or a reduction of the original rectangle? How do you know?

5. The dimensions of the rectangle drawn below are \_\_\_\_\_ times the original rectangle.

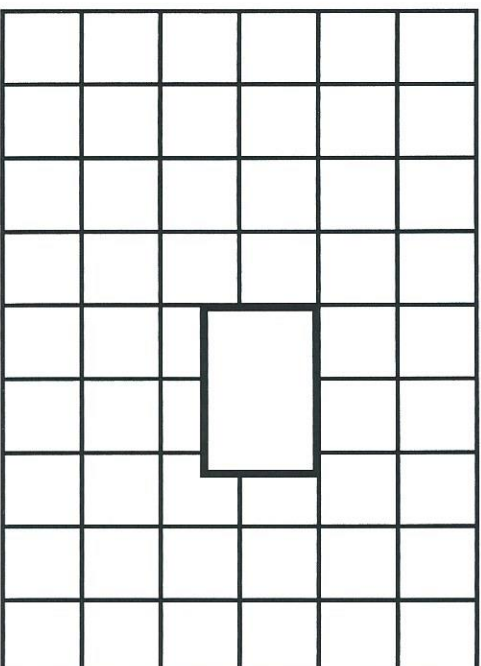


New Width:  $\frac{1}{2}$  cm

New Length:  $\frac{3}{4}$  cm

- a) Is the new rectangle an enlargement or a reduction of the original rectangle? How do you know?

6. The dimensions of the rectangle drawn below are \_\_\_\_\_ times the original rectangle.



New Width:  $1\frac{1}{2}$  cm

New Length:  $2\frac{1}{4}$  cm

- a) Is the new rectangle an enlargement or a reduction of the original rectangle? How do you know?