

# Ma9 LG 13A (Formative Assessment)

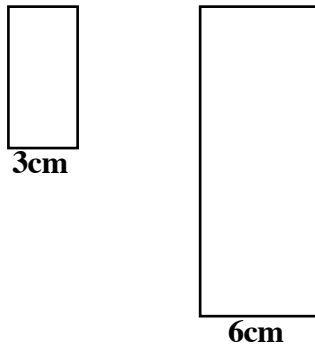
Marking Teacher: \_\_\_\_\_

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

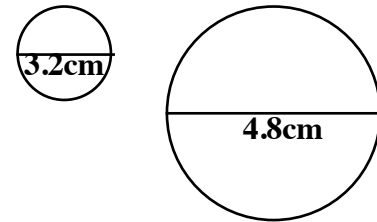
Student #: \_\_\_\_\_

1. Find the scale factor for the following pair of diagrams.

a. Scale factor = \_\_\_\_\_

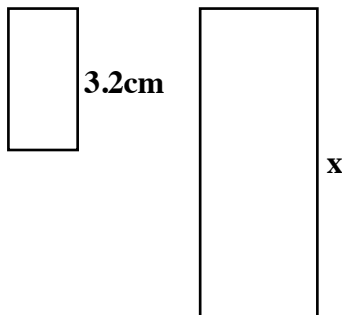


b. Scale factor = \_\_\_\_\_

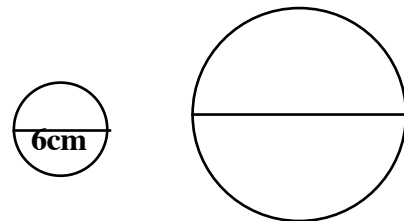


2. Use the scale factor to find the corresponding dimension in the second diagram.

a. Scale factor = 4



b. Scale factor = 2.5

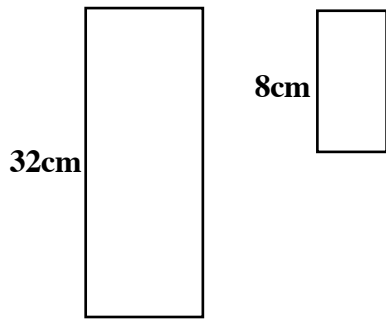


3. An original diagram that is 12 cm wide is enlarged until it is 6 m wide. What is the scale factor of the enlargement?

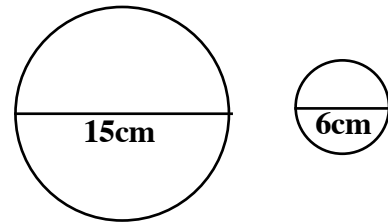
4. A pool with dimensions 5 m by 10 m has a reduced diagram drawn that is 2.5 cm by 5 cm. What is the scale factor of the reduction?

5. Find the scale factor for the following pair of diagrams.

b. Scale factor = \_\_\_\_\_

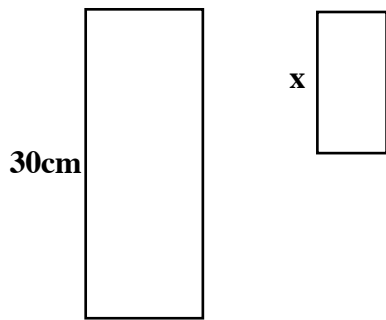


b. Scale factor = \_\_\_\_\_

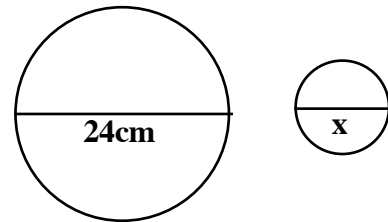


6. Use the scale factor to find the corresponding dimension in the second diagram.

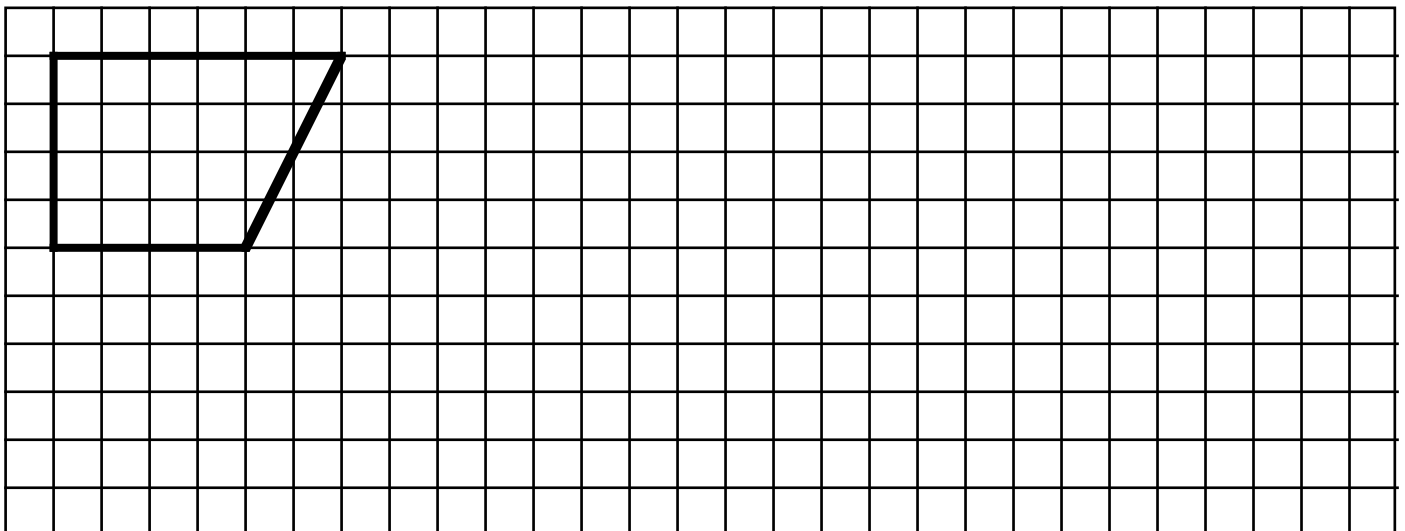
c. Scale factor =  $\frac{1}{5}$



d. Scale factor =  $\frac{3}{4}$



7. Draw 2 diagrams of the figure below: a) scale factor of 2, b) scale factor of  $\frac{1}{2}$ .



Directions:  See me about this  Move on to next guide  Review and redo

# Ma9 LG 13B (Formative Assessment)

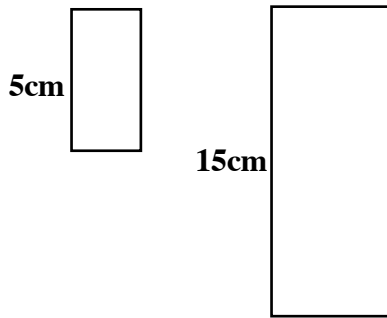
Marking Teacher: \_\_\_\_\_

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

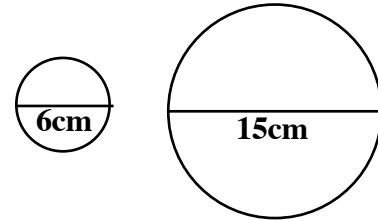
Student #: \_\_\_\_\_

1. Find the scale factor for the following pair of diagrams.

c. Scale factor = \_\_\_\_\_

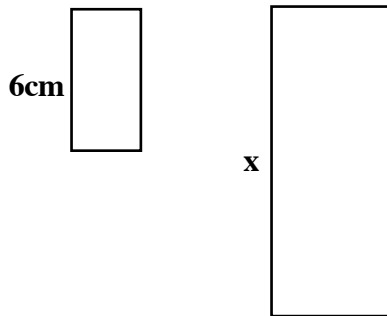


b. Scale factor = \_\_\_\_\_

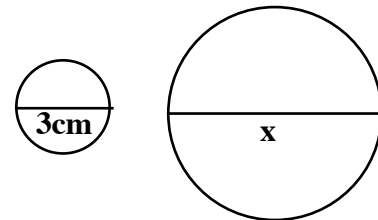


2. Use the scale factor to find the corresponding dimension in the second diagram.

e. Scale factor = 3



f. Scale factor = 1.5

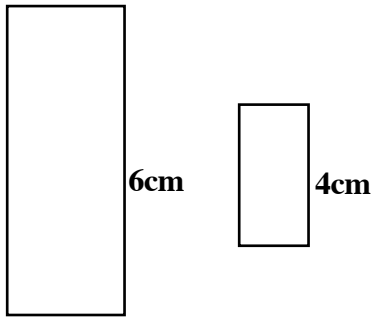


3. An original diagram that is 20 mm wide is enlarged until it is 10 cm wide. What is the scale factor of the enlargement?

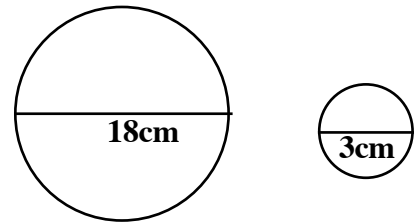
4. A pool with dimensions 5 m by 10 m has a reduced diagram drawn that is 5 cm by 10 cm. What is the scale factor of the reduction?

5. Find the scale factor for the following pair of diagrams.

d. Scale factor = \_\_\_\_\_

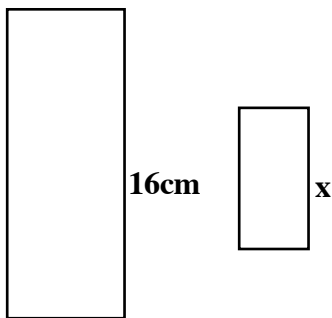


b. Scale factor = \_\_\_\_\_

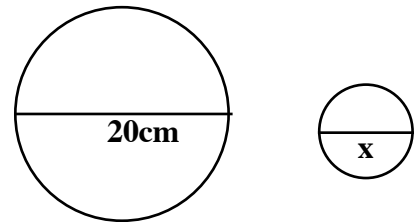


6. Use the scale factor to find the corresponding dimension in the second diagram.

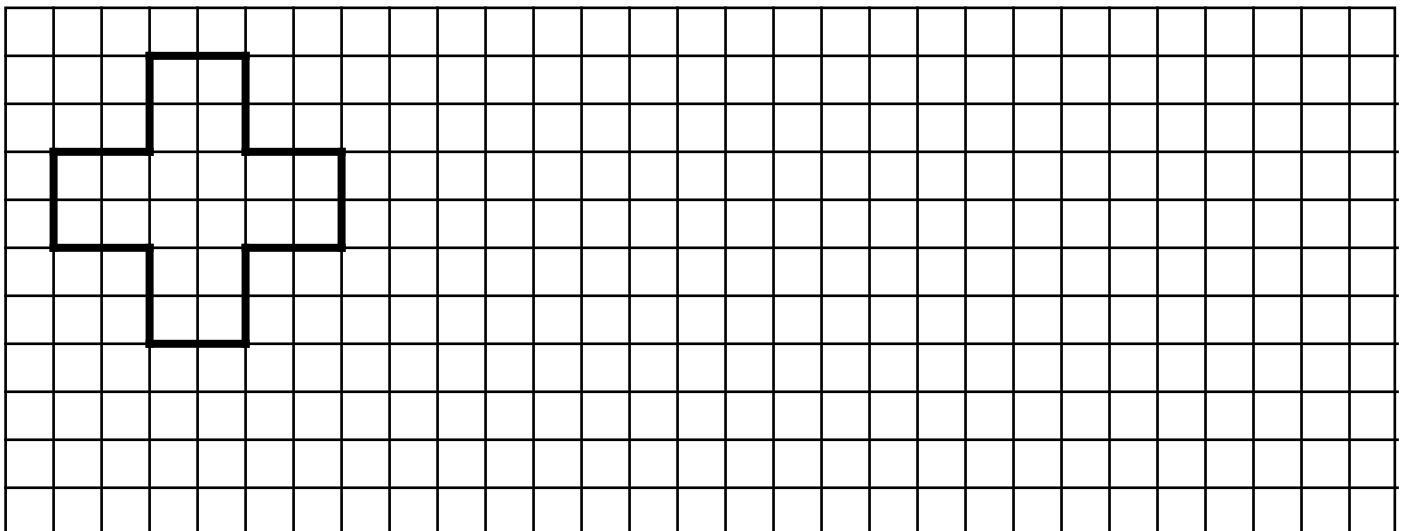
g. Scale factor =  $\frac{1}{4}$



h. Scale factor =  $\frac{4}{5}$



7. Draw 2 diagrams of the figure below: a) scale factor of 2, b) scale factor of  $\frac{1}{2}$ .



Directions:  See me about this  Move on to next guide  Review and redo