

Name: _____

SCALING DIAGRAMS TO REAL-LIFE



- Look at the diagrams on the **next page**.
- Use the given **scale** for each question to calculate the actual measurements.
- Write your answers in the spaces provided.

1. Tree (1cm = 3m):

- a) What is the height of the tree on the diagram?
- b) What is the actual height of the tree?

a)
b)

2. Train Carriage (1cm = 2m):

- a) What is the width of the train carriage on the diagram?
- b) What is the actual width of the train carriage?

a)
b)

3. Bridge (1cm = 10m):

- a) What is the width of the bridge on the diagram?
- b) What is the actual width of the bridge?

a)
b)

4. Big Ben (1cm = 8m):

- a) What is the height of Big Ben on the diagram?
- b) What is the actual height of Big Ben?

a)
b)

5. Lighthouse (1cm = 4m):

- a) What is the height of the lighthouse on the diagram?
- b) What is the width of the lighthouse on the diagram?
- c) What is the actual height of the lighthouse?
- d) What is the actual width of the lighthouse?

a)
b)
c)
d)

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