

## Exercise 22.1A

1. Calculate the actual length of each line with the given scale:

(a)   
1 cm  
1 cm : 2 m

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

(b)   
2 cm  
1 cm : 3 m

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

(c)   
5 cm  
1 cm : 6 m

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

(d)   
7 cm  
1 cm : 4 m

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

(e)   
40 mm  
1 cm : 9 m

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

(f)   
4 cm  
1 cm : 50 cm

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

(g)   
60 mm  
1 cm : 8 m

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

(h)   
6.5 cm  
1 cm : 60 cm

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

2. By first measuring to the nearest millimetre, calculate the actual length of each line with the given scale:

(a)   
1 cm : 2 m

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

(b)   
1 cm : 4 m

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

(c)   
1 cm : 9 m

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

(d)   
1 cm : 50 cm

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

(e)   
1 cm : 200 m

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

(f)   
1 cm : 4 km

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

(g)   
1 cm : 50 000 cm

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

(h)   
1 cm : 10 000 cm

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

3. By first measuring to the nearest millimetre, calculate the actual dimensions of each rectangle with the given scale:



1 cm : 2 m

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

Breadth: \_\_\_\_\_



1 cm : 7 m

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

Breadth: \_\_\_\_\_



1 cm : 20 m

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

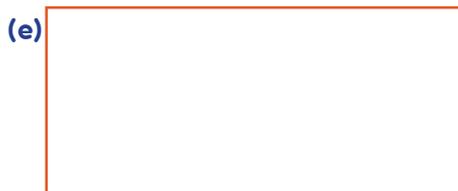
Breadth: \_\_\_\_\_



1 cm : 12 m

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

Breadth: \_\_\_\_\_



1 cm : 200 m

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

Breadth: \_\_\_\_\_



1 cm : 600 m

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

Breadth: \_\_\_\_\_