

Map Scale Exercises

[1] What is map scale?

[2] Name the three ways map scale can be illustrated on a map.

- (a) _____
- (b) _____
- (c) _____

[3] Explain what the representative fraction **RF** \rightarrow **1 : 150,000** means.

[4] Use the scale of **1 cm represents 100 km** to find the distance between **A** and **B**.

(a)  Answer: _____

(b)  Answer: _____

(c)  Answer: _____

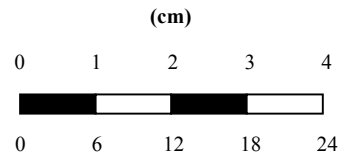
[5] Use the scale of **RF** \rightarrow **1 : 250,000** to find the distance between **C** and **D**.

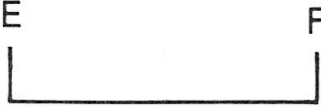
(a)  Answer: _____

(b)  Answer: _____

(c)  Answer: _____

[6] Use the scale to the right to find the distance between **E** and **F**.



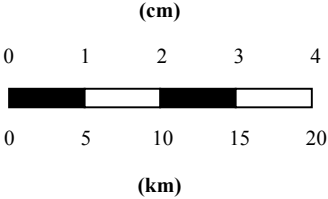
(a)  Answer: _____

(b)  Answer: _____

(c)  Answer: _____

[7] Change the following scales to direct statements.

(a) **RF** \rightarrow **1 : 1,500,000** Answer: _____

(b)  Answer: _____

[8] Draw a linear scale to show each of the following scales.

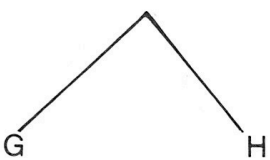
(a) **1cm represents 12km**


(b) **RF \rightarrow 1 : 50,000**

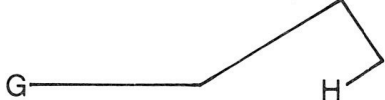
(c) **RF \rightarrow 1 : 6,000,000**

(d) **RF \rightarrow 1 : 250,000**

[9] Use the scale of **RF \rightarrow 1 : 30,000** to find the distance between towns **G** and **H**.

(a)  Answer: _____

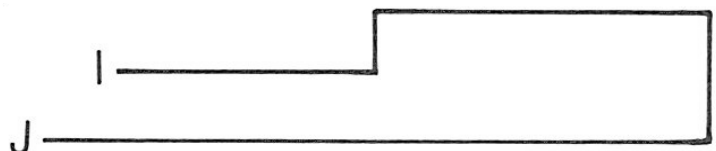
(b)  Answer: _____

(c)  Answer: _____

[10] Using the following scales calculate the distance from **I** to **J** along the line.

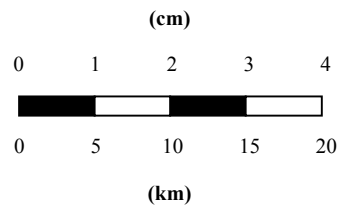
(a) **1cm represents 1km**

(b) **RF \rightarrow 1 : 12,500,000**



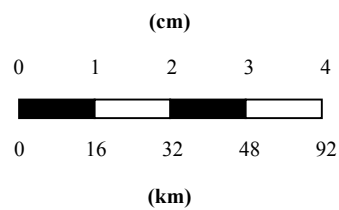
[11] Change the following linear scales to representative fractions

(a)



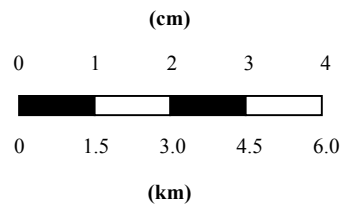
Answer: _____

(b)



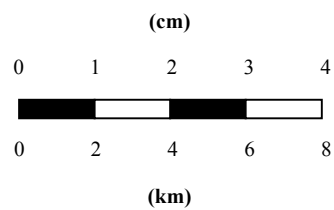
Answer: _____

(c)



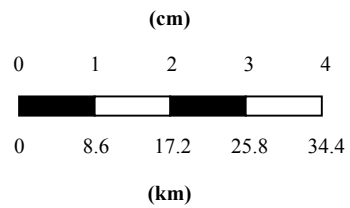
Answer: _____

(d)



Answer: _____

(e)



Answer: _____

[12a] Convert the linear scale to a representative fraction. _____

[12b] Convert the line scale to a direct statement. _____

[12c] What is the distance from:

(a) A to B?	_____
(b) B to C?	_____
(c) C to D?	_____
(d) D to E?	_____
(e) E to F?	_____
(f) A to F?	_____

