

Q4 (Scale -Map) Day 47 Name: _____

1. A map has the following scale: 1 centimetre represents 6 kilometres.

a) Two towns are **9 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **126 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

2. A map has the following scale: 1 centimetre represents 4 kilometres.

a) Two towns are **19 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **244 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

3. A map has the following scale: 1 centimetre represents 9 kilometres.

a) Two towns are **13 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **369 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

4. A map has the following scale: 1 centimetre represents 5 kilometres.

a) Two towns are **4.6 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **37 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

5. A map has the following scale: 1 centimetre represents 7 kilometres.

a) Two towns are **9.3 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **37.1 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

6. A map has the following scale: 1 centimetre represents 8 kilometres.

a) Two towns are **11.7 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **188 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

7. A map has the following scale: 1 centimetre represents 1.1 kilometres.

a) Two towns are **3.9 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **19.8 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

8. A map has the following scale: 1 centimetre represents 1.2 kilometres.

a) Two towns are **6.8 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **16.8 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

9. A map has the following scale: 1 centimetre represents 0.9 kilometres.

a) Two towns are **12.4 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **18 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

10. A map has the following scale: 1 centimetre represents 2.5 kilometres.

a) Two towns are **8.3 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **75 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

11. A map has the following scale: 1 centimetre represents 4.5 kilometres.

a) Two towns are **12.3 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **13.5 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

12. A map has the following scale: 1 centimetre represents 3.2 kilometres.

a) Two towns are **2.29 centimetres** apart on the map. What is the **actual** distance between the towns? Write your answer in the space below.

_____ km

b) Two car parks are **41.6 kilometres** apart. How far apart are the car parks **on the map**? Write your answer in the space below.

_____ cm

Answers

- | | |
|--------------------|----------------|
| 1. a) 54 | b) 21 |
| 2. a) 76 | b) 61 |
| 3. a) 117 | b) 41 |
| 4. a) 23 | b) 7.4 |
| 5. a) 65.1 | b) 5.3 |
| 6. a) 93.6 | b) 23.5 |
| 7. a) 4.29 | b) 18 |
| 8. a) 8.16 | b) 14 |
| 9. a) 11.16 | b) 20 |
| 10.a) 20.75 | b) 30 |
| 11.a) 55.35 | b) 3 |
| 12.a) 7.328 | b) 13 |