

Q5 (Map Scale-Ratio) Day 74 Name: _____

1. A map has the following scale:

1 centimetre represents 5 kilometres.

a) A mountain top and a restaurant are **7 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **55 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

2. A map has the following scale:

1 centimetre represents 7 kilometres.

a) A mountain top and a restaurant are **6 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **63 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

3. A map has the following scale:

1 centimetre represents 3 kilometres.

a) A mountain top and a restaurant are **3.2 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **9.6 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

4. A map has the following scale:

1 centimetre represents 6 kilometres.

a) A mountain top and a restaurant are **4.5 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **18.6 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

5. A map has the following scale:

1 centimetre represents 9 kilometres.

a) A mountain top and a restaurant are **7 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **108 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

6. A map has the following scale:

1 centimetre represents 4 kilometres.

a) A mountain top and a restaurant are **9.3 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **125.6 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

7. A map has the following scale:

2 centimetre represents 9 kilometres.

a) A mountain top and a restaurant are **6 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **99 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

8. A map has the following scale:

2 centimetre represents 7 kilometres.

a) A mountain top and a restaurant are **10 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **105 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

9. A map has the following scale:

2 centimetre represents 11 kilometres.

a) A mountain top and a restaurant are **14 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **99 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

10. A map has the following scale:

3 centimetre represents 4 kilometres.

a) A mountain top and a restaurant are **27 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **48 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

11. A map has the following scale:

3 centimetre represents 11 kilometres.

a) A mountain top and a restaurant are **24 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **220 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

12. A map has the following scale:

3 centimetre represents 13 kilometres.

a) A mountain top and a restaurant are **12 centimetres** apart **on the map**. What is the **actual distance** between the mountain top and the restaurant? Write your answer in the space below.

_____ km

b) The **actual distance** between a shopping centre and the bus station is **65 kilometres**. How far would this be in the map? Write your answer in the space below.

_____ cm

Answers

- | | |
|------------|---------|
| 1. a) 35 | b) 11 |
| 2. a) 42 | b) 9 |
| 3. a) 9.6 | b) 3.2 |
| 4. a) 27 | b) 3.1 |
| 5. a) 63 | b) 12 |
| 6. a) 37.2 | b) 31.4 |
| 7. a) 27 | b) 22 |
| 8. a) 35 | b) 30 |
| 9. a) 77 | b) 18 |
| 10.a) 36 | b) 36 |
| 11.a) 88 | b) 60 |
| 12.a) 52 | b) 15 |