

Q1 (Problem Solving) Day 75 Name: _____

1. There are street lights **every 4 m** along a **straight** road.

a) What is the **distance between** the **first** and **fourth** streetlight? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **second** and **eighth** streetlight? Write your answer in the space below.

_____ metres

2. There are street lights **every 7 m** along a **straight** road.

a) What is the **distance between** the **first** and **sixth** streetlight? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **third** and **tenth** streetlight? Write your answer in the space below.

_____ metres

3. There are street lights **every 5 m** along a **straight** road.

a) What is the **distance between** the **first** and **third** streetlight? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **fourth** and **tenth** streetlight? Write your answer in the space below.

_____ metres

4. There are street lights **every 3 m** along a **straight** road.

a) What is the **distance between** the **first** and **seventh** streetlight? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **second** and **ninth** streetlight? Write your answer in the space below.

_____ metres

5. There are street lights **every 11 m** along a **straight** road.

a) What is the **distance between** the **first** and **ninth** streetlight? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **third** and **eleventh** streetlight? Write your answer in the space below.

_____ metres

6. There are street lights **every 12 m** along a **straight** road.

a) What is the **distance between** the **first** and **tenth** streetlight? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **fourth** and **twelfth** streetlight? Write your answer in the space below.

_____ metres

7. There are street lights **every 15 m** along a **straight** road.

a) What is the **distance between** the **second** and **sixth** streetlight? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **third** and **ninth** streetlight? Write your answer in the space below.

_____ metres

8. There are street lights **every 17 m** along a **straight** road.

a) What is the **distance between** the **third** and **ninth** streetlight? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **fifth** and **fifteenth** streetlight? Write your answer in the space below.

_____ metres

9. There are street lights **every 21 m** along a **straight** road.

a) What is the **distance between** the **second** and **tenth** streetlight? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **fifth** and **twenty-first** streetlight? Write your answer in the space below.

_____ metres

10. There are street lights **every 33 m** along a **straight** road.

a) What is the **distance between** the **first** and **third**, and the **fifth** and **sixth** streetlights? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **sixth** and **thirtieth** streetlight? Write your answer in the space below.

_____ metres

11. There are street lights **every 41 m** along a **straight** road.

a) What is the **distance between** the **second** and **fourth, and the sixth and tenth** streetlights? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **tenth** and **twenty-eighth** streetlight? Write your answer in the space below.

_____ metres

12. There are street lights **every 192 m** along a **straight** road.

a) What is the **distance between** the **third** and **ninth, and the twelfth and fifteenth** streetlights? Write your answer in the space below.

_____ metres

b) What is the **distance between** the **twelfth** and **forty-fifth** streetlight? Write your answer in the space below.

_____ metres

Answers

- | | |
|------------|---------|
| 1. a) 12 | b) 24 |
| 2. a) 35 | b) 49 |
| 3. a) 10 | b) 30 |
| 4. a) 18 | b) 21 |
| 5. a) 88 | b) 88 |
| 6. a) 108 | b) 96 |
| 7. a) 60 | b) 90 |
| 8. a) 102 | b) 170 |
| 9. a) 168 | b) 336 |
| 10.a) 99 | b) 792 |
| 11.a) 246 | b) 738 |
| 12.a) 1728 | b) 6336 |