

Q3 (Problem Solve-Area) Day 138 Name: _____

1. There is **1 litre** of paint in a **tin**. **1 litre** of paint covers an area of **9m²**. John wants to paint a **rectangular wall** which measures **11m** by **4m**. He can only buy paint in 1 litre tins.

Find the **least** number of tins he must buy. Write your answer in the space below.

_____ tins

2. There is **1 litre** of paint in a **tin**. **1 litre** of paint covers an area of **3m²**. Ruth wants to paint a **rectangular wall** which measures **8m** by **2m**. She can only buy paint in 1 litre tins.

Find the **least** number of tins she must buy. Write your answer in the space below.

_____ tins

3. There is **1 litre** of paint in a **tin**. **1 litre** of paint covers an area of **11m²**. Derek wants to paint a **rectangular wall** which measures **9m** by **8m**. He can only buy paint in 1 litre tins.

Find the **least** number of tins he must buy. Write your answer in the space below.

_____ tins

4. There is **1 litre** of paint in a **tin**. **1 litre** of paint covers an area of **6m^2** . Grace wants to paint a **rectangular wall** which measures **13m** by **3m**. She can only buy paint in 1 litre tins.

Find the **least** number of tins she must buy. Write your answer in the space below.

_____ tins

5. There is **1 litre** of paint in a **tin**. **1 litre** of paint covers an area of **15m^2** . Barney wants to paint a **rectangular wall** which measures **10m** by **8m**. He can only buy paint in 1 litre tins.

Find the **least** number of tins he must buy. Write your answer in the space below.

_____ tins

6. There is **1 litre** of paint in a **tin**. **1 litre** of paint covers an area of **12m^2** . Jen wants to paint a **rectangular wall** which measures **13m** by **5m**. She can only buy paint in 1 litre tins.

Find the **least** number of tins she must buy. Write your answer in the space below.

_____ tins

7. There is **1 litre** of paint in **a tin**. **1 litre** of paint covers an area of **2.5m^2** . Max wants to paint **a rectangular wall** which measures **2.7m** by **3m** . He can only buy paint in 1 litre tins.

Find the **least** number of tins he must buy. Write your answer in the space below.

_____ tins

8. There is **1 litre** of paint in **a tin**. **1 litre** of paint covers an area of **1.2m^2** . Clare wants to paint **a rectangular wall** which measures **3.5m** by **3m** . She can only buy paint in 1 litre tins.

Find the **least** number of tins she must buy. Write your answer in the space below.

_____ tins

9. There is **1 litre** of paint in **a tin**. **1 litre** of paint covers an area of **2.2m^2** . Patrick wants to paint **a rectangular wall** which measures **2.5m** by **8m** . He can only buy paint in 1 litre tins.

Find the **least** number of tins he must buy. Write your answer in the space below.

_____ tins

10. There is **2 litres** of paint in **a tin**. **1 litre** of paint covers an area of **4m^2** . Gemma wants to paint **a rectangular wall** which measures **12m** by **3m**. She can only buy paint in 1 litre tins.

Find the **least** number of tins she must buy. Write your answer in the space below.

_____ tins

11. There is **2 litres** of paint in **a tin**. **1 litre** of paint covers an area of **5m^2** . Toby wants to paint **a rectangular wall** which measures **13m** by **4m**. He can only buy paint in 1 litre tins.

Find the **least** number of tins he must buy. Write your answer in the space below.

_____ tins

12. There is **3 litres** of paint in **a tin**. **1 litre** of paint covers an area of **1.6m^2** . Anne wants to paint **a rectangular wall** which measures **6m** by **3m**. She can only buy paint in 1 litre tins.

Find the **least** number of tins she must buy. Write your answer in the space below.

_____ tins

Answers

1. 5
2. 6
3. 7
4. 7
5. 6
6. 6
7. 4
8. 9
9. 10
- 10.5
- 11.6
- 12.4