

Q3 (Volume) Day 94 Name: _____

1. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 24m^3** . They have also measured the **floor space and it is 4m by 3m**. What is the height of the classroom? Write your answer in the space below.

_____m

2. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 120m^3** . They have also measured the **floor space and it is 5m by 6m**. What is the height of the classroom? Write your answer in the space below.

_____m

3. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 64m^3** . They have also measured the **floor space and it is 4m by 4m**. What is the height of the classroom? Write your answer in the space below.

_____m

4. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 300m^3** . They have also measured the **floor space and it is 10m by 6m**. What is the height of the classroom? Write your answer in the space below.

_____m

5. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 224m^3** . They have also measured the **floor space and it is 7m by 8m**. What is the height of the classroom? Write your answer in the space below.

_____m

6. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 216m^3** . They have also measured the **floor space and it is 6m by 6m**. What is the height of the classroom? Write your answer in the space below.

_____m

7. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 30m^3** . They have also measured the **floor space and it is 2.5m by 4m**. What is the height of the classroom? Write your answer in the space below.

_____m

8. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 104m^3** . They have also measured the **floor space and it is 3.25m by 8m**. What is the height of the classroom? Write your answer in the space below.

_____m

9. A class is trying to work out the height of their gym hall. They have been given the information that the **volume of the air in the hall is 147.2m^3** . They have also measured the **floor space and it is 8m by 9.2m**. What is the height of the gym hall? Write your answer in the space below.

_____m

10. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 48.3m^3** . They have also measured the **floor space and it is 4.6m by 3.5m**. What is the height of the classroom? Write your answer in the space below.

_____m

11. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 57.2m^3** . They have also measured the **floor space and it is 6.5m by 2.2m**. What is the height of the classroom? Write your answer in the space below.

_____m

12. A class is trying to work out the height of their classroom. They have been given the information that the **volume of the air in the room is 170m^3** . They have also measured the **floor space and it is 4.25m by 8m**. What is the height of the classroom? Write your answer in the space below.

_____m

Answers**1. 2****2. 4****3. 4****4. 5****5. 4****6. 6****7. 3****8. 4****9. 2****10.3****11.4****12.5**