

- 6 Amy recorded the number of passengers in twenty cars passing under a bridge. Here are her results.

2 0 1 0 0 3 2 0 6 1
2 2 1 2 0 0 4 2 3 1

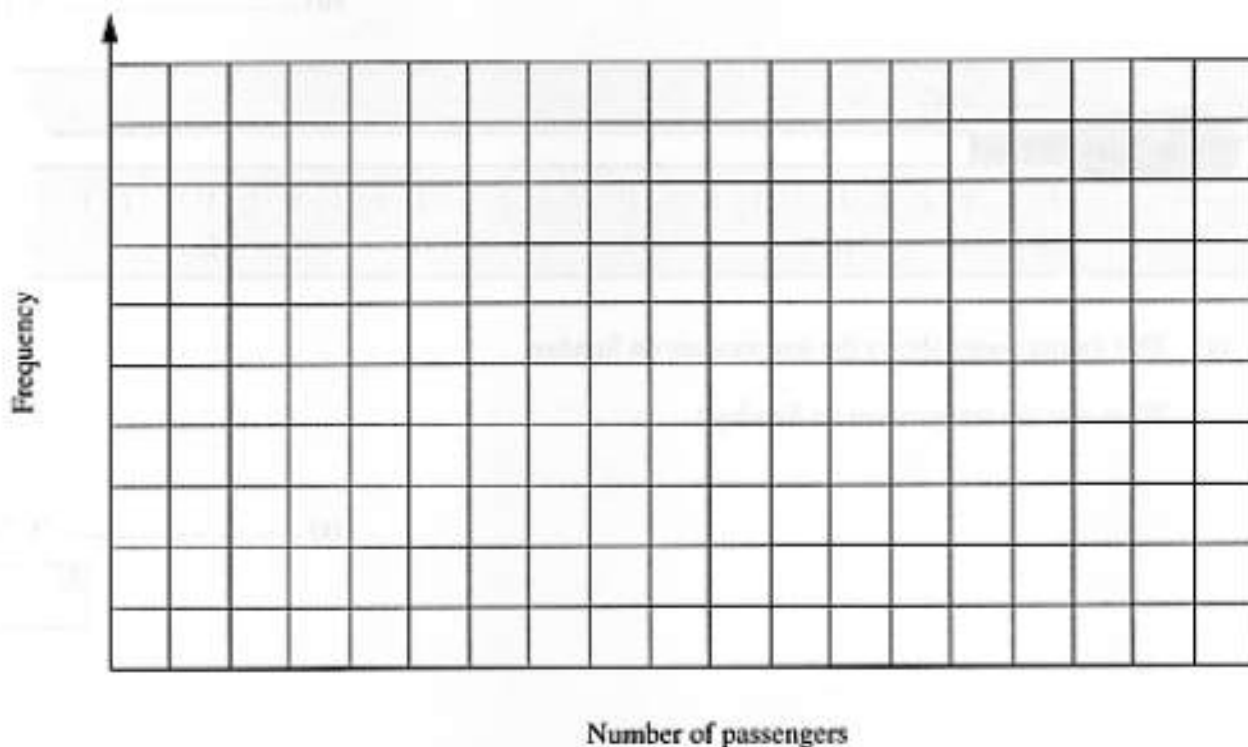


- (a) Complete this frequency table.

Number of passengers	Tally	Frequency
0		
1		
2		
3		
4		
5		
6		

[2]

- (b) On the grid below draw a bar chart to show this information.



[3]

5

- 7 Here are the temperatures for 5 days in March in Oslo.

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Temperature ($^{\circ}\text{C}$)	-5	2	0	-2	-12

- (a) For how many days was the temperature above 0°C ?

(a) [1]

- (b) By how many degrees was Friday colder than Thursday?

(b) $^{\circ}\text{C}$ [1]

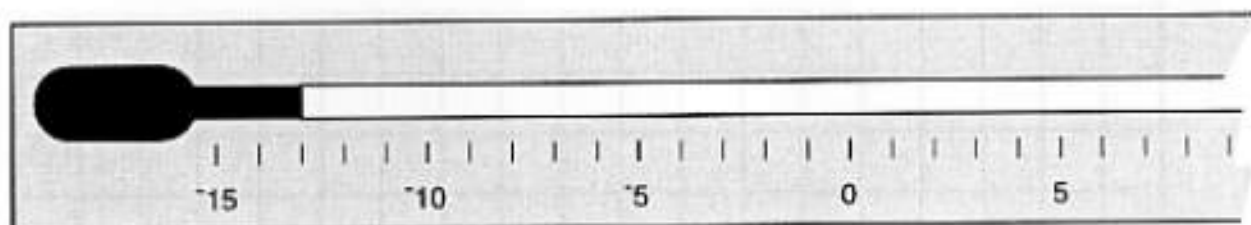
- (c) Which day was 7 degrees warmer than Monday?

(c) [1]

- (d) The temperature on Saturday was 2 degrees colder than Friday.

What was the temperature on Saturday?

(d) $^{\circ}\text{C}$ [1]



- (e) This thermometer shows the temperature on Sunday.

What was the temperature on Sunday?

(e) $^{\circ}\text{C}$ [1]

3

- 8 (a) Estimate the height of the totem pole.



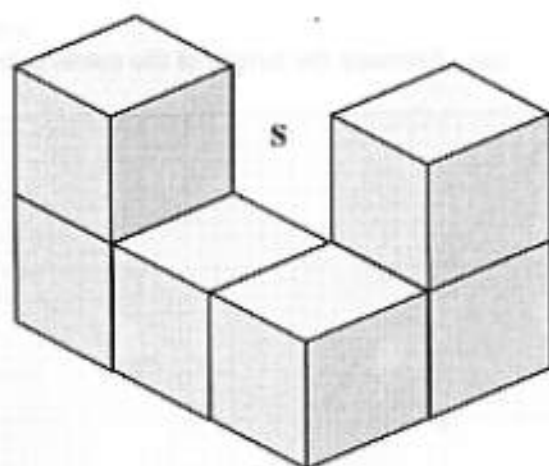
(a)m [1]

- (b) Estimate the width of the totem pole in metric units.

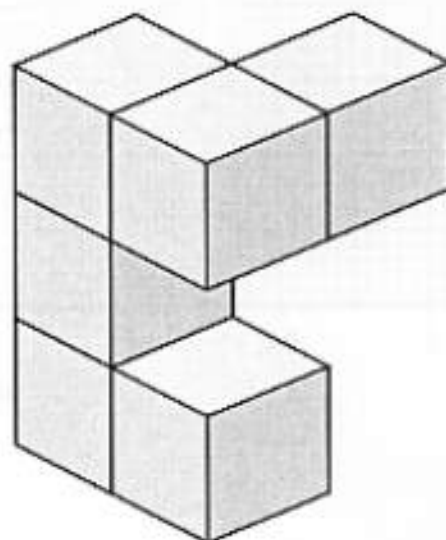
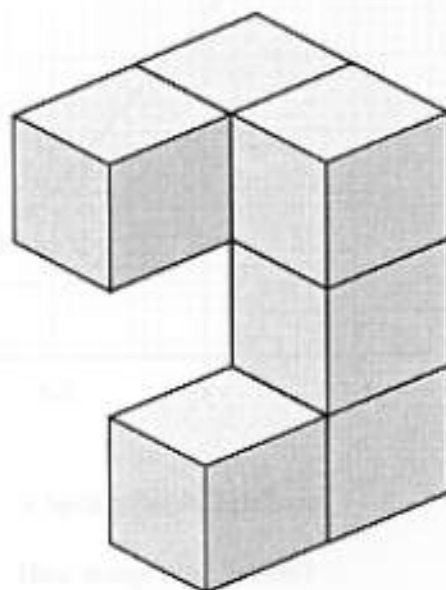
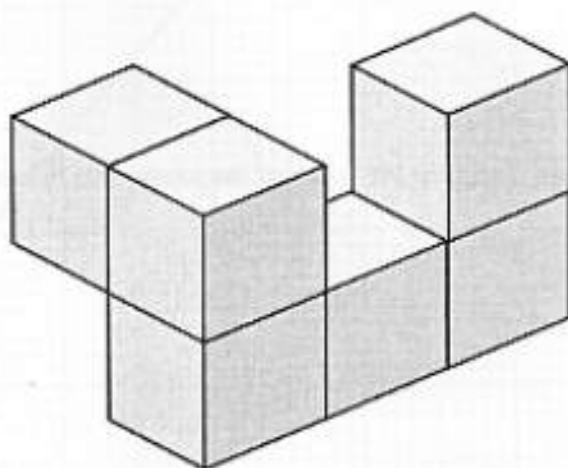
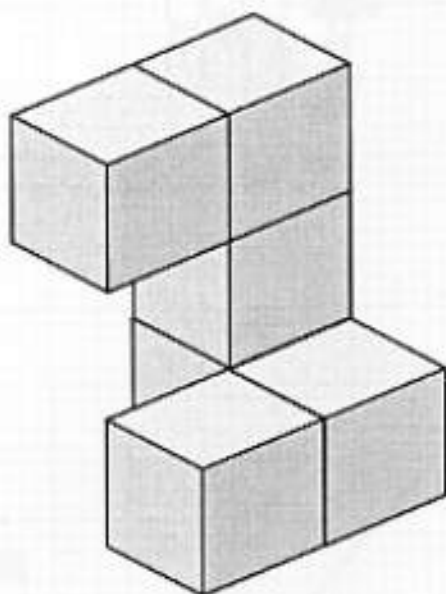
(b) [2]

3	
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- 9 (a) This solid (S) is made from six cubes.

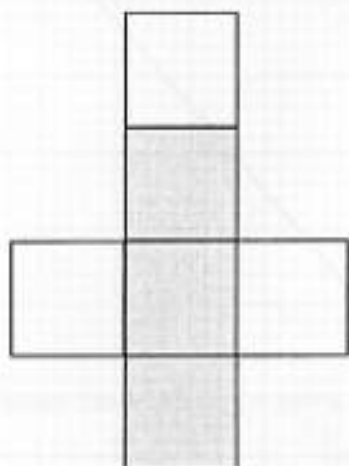
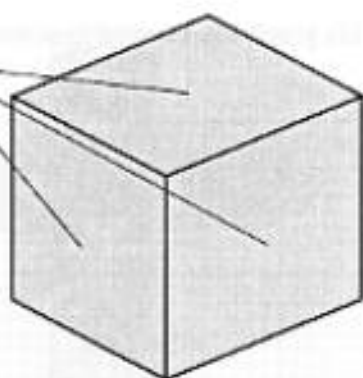


Which of these drawings show views of S ?
Write **Yes** or **No** under each drawing.

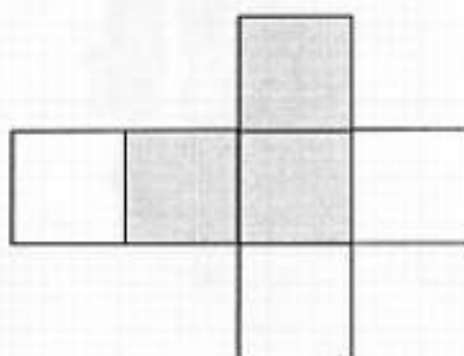


- (b) This cube has three grey faces.
The other three faces are white.

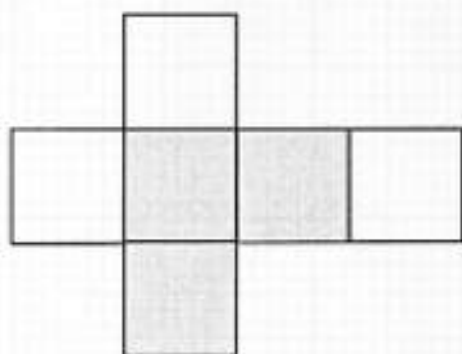
Which of these are nets of the cube?
Write **Yes** or **No** under each net.



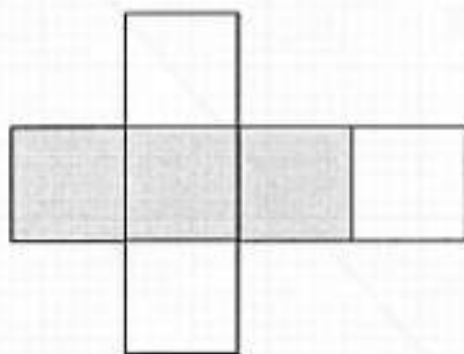
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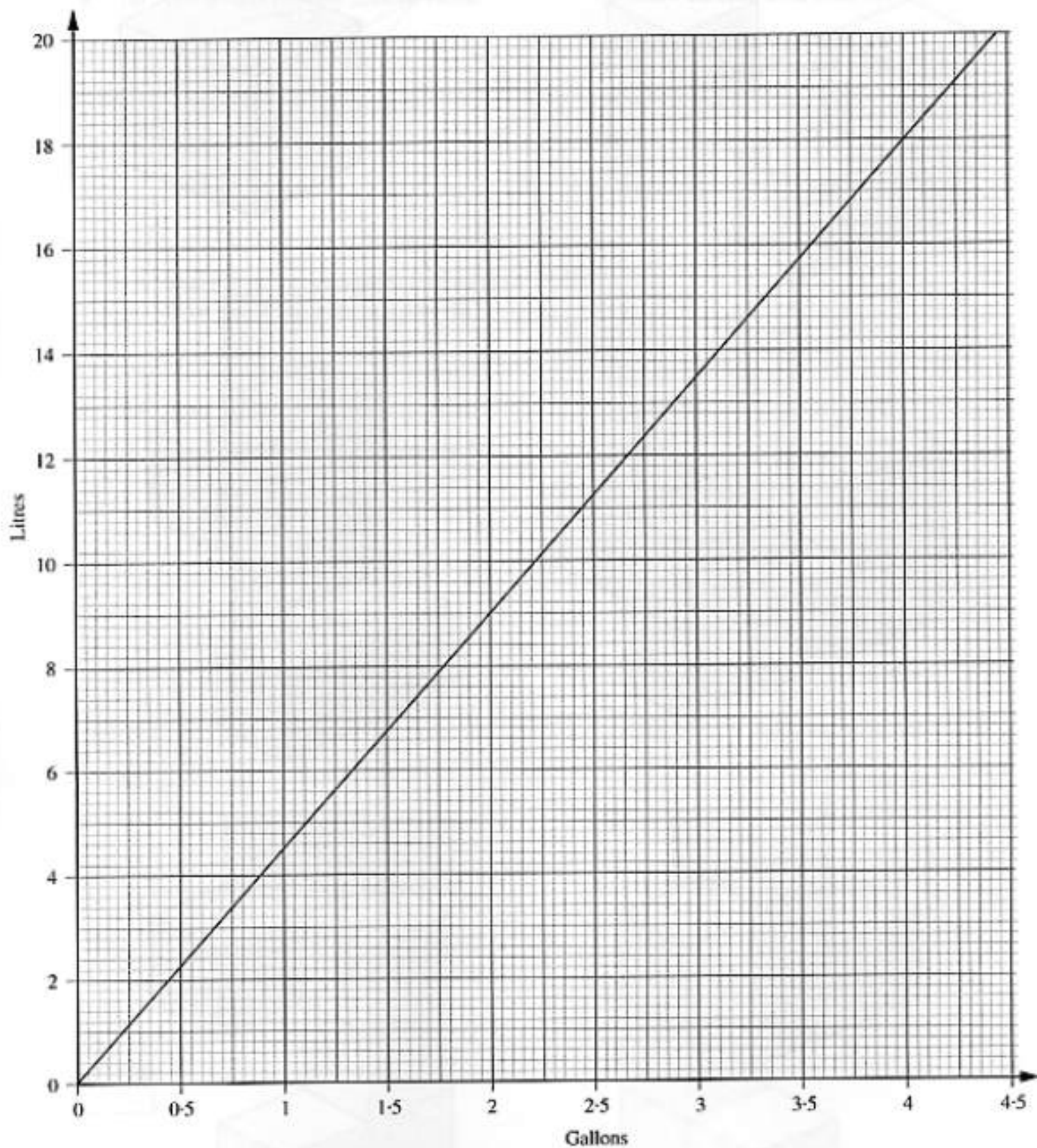


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[2]

4

10 This graph can be used to convert between gallons and litres.



(a) A bucket holds 2 gallons.

How many litres is this?

(a) [1]

- (b) A petrol tank holds 80 litres.

How many gallons is this?

Show how you worked out your answer.

(b) [2]

3

- 11 Find a decimal which is greater than $\frac{3}{4}$ and less than $\frac{9}{10}$.

Show how you decided.

..... [2]

2

- 12 Solve.

(a) $x + 3 = 17$

(a) [1]

(b) $4x = 24$

(b) [1]

(c) $x - 10 = 20$

(c) [1]

3
