

Maths Answers - Area

Maths Challenge 1:

Topic: Area

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A.

- (a) 22cm^2 (b) 26cm^2
(c) 10cm^2 (d) 9cm^2

Topic: Area

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A.

- Length = 4cm
Width = 3cm
There are 3 rows of 4cm
Area = 12cm^2
- Length = 4cm
Width = 2cm
There are 2 rows of 4cm
Area = 8cm^2
- Length = 3cm
Width = 3cm
There are 3 rows of 3cm
Area = 9cm^2

B.

- | | | |
|--------------------|--------------------|--------------------|
| 1. 8cm^2 | 2. 30cm^2 | 3. 35cm^2 |
| 4. 80cm^2 | 5. 36cm^2 | 6. 8cm^2 |
| 7. 24cm^2 | 8. 55cm^2 | 9. 34cm^2 |

Maths Challenge 2:

Topic 18: Area

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B.

- 1.(a) 14cm (b) 14cm (c) 14cm
2.(a) 6cm² (b) 12cm² (c) 10cm²

C.

1. (a) $A = 32\text{cm}^2$ $P = 24\text{cm}$
 (b) $A = 11\text{cm}^2$ $P = 24\text{cm}$
 (c) $A = 27\text{cm}^2$ $P = 24\text{cm}$
2. (a) $A = 24\text{cm}^2$ $P = 28\text{cm}$
 (b) $A = 40\text{cm}^2$ $P = 28\text{cm}$
 (c) $A = 49\text{cm}^2$ $P = 28\text{cm}$
3. (a) $A = 50\text{cm}^2$ $P = 30\text{cm}$
 (b) $A = 56\text{cm}^2$ $P = 30\text{cm}$
 (c) $A = 36\text{cm}^2$ $P = 30\text{cm}$

Topic 18: Area

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A.

1. 24cm² 2. 30cm² 3. 32cm²

Topic 18: Area

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A.

- 1.(a) 20m² (b) 27m²
 (c) 20m² (d) 10m²
 (e) 19m² (f) 6m²
 (g) 5m²
2. €539.73
3. Sitting room 22m
 Dining room 18m
 Kitchen 18m
 Playroom 20m
 Bathroom 10m
4. Presence of stairs
5. In the northern hemisphere, south-facing aspects receive most sun.