

Year 3 Homework Answer:

Module 14: Area

1.

7	6	11	9
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2.

4	2	4
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3.

12	13	11
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4.

24	16
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5.

32	6
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6.

50 cm^2	84 cm^2	101 cm^2
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7.

km^2	cm^2
m^2	km^2
cm^2	m^2

8.

a) $3 \times 4 = 12 \text{ m}^2$; $12 \times 50 = \$600$

b) length = $12 + 10 = 22 \text{ cm}$; $22 \times 10 = 220 \text{ cm}^2$

c) $35 \div 7 = 5 \text{ m}$

d) Option 1: 8m and 6m

Option 2: 4m and 12m

Answer may vary

9.

a) side length = $48 \div 4 = 12 \text{ cm}$; $12 \times 12 = 144 \text{ cm}^2$

b) length = $30 \div 2 - 12 = 3 \text{ cm}$; $3 \times 12 = 36 \text{ cm}^2$

c) side length = 6m; perimeter = 24 m

10.

$200 \div 10 = 20 \text{ cm}$

11.

$15 \times 12 = 180 \text{ cm}^2$

12.

There will be 16 squares when fold half four time

$16 \times 4 = 64 \text{ cm}^2$

13.

Width: $84 \div 2 - 12 = 30 \text{ m}$

$30 \times 12 = 360 \text{ m}^2$

14.

$2 \times 7 = 14 \text{ m}^2$

$14 \times 3 = \$42$

15.

Height: $25 - 5 - 5 = 15$ cm

Width: $16 - 5 - 5 = 6$ cm

Photo area: $15 \times 6 = 90$ cm^2

16.

The area is 9 $unit^2$