

Year 4 Homework Answer

Module 15: Volume and capacity

1.

220L
2L
1.6L
250 mL
60L
1.5L

2.

10 cm	4 cm	5 cm	200 cm^3
2 m	3 m	6 m	36 m^3
4 m	8 m	2 m	64 m^3
9 cm	5 cm	3 cm	135 cm^3
13 cm	4 cm	5 cm	260 cm^3

3.

150 cm^3	180 cm^3	30 cm^3
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4.

70	48
24	60
30	

5.

2 L 700 ml	3760 ml	2 L 5 ml
1 L 570 ml	1230 ml	1 L 34 ml
8 L 340 ml	4482 ml	6 L 18 ml

6.

440 ml	7 ml	280 ml	19 ml
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7.

A: $50 \times 3 \times 4 = 600 \text{ cm}^3$

B: $40 \times 2 \times 5 = 400 \text{ cm}^3$

C: $30 \times 4 \times 7 = 840 \text{ cm}^3$

Box A, because even box C has largest volume, but it will cost more.

8.

288 cm^3	210 cm^3	520 cm^3
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9.

$1700 - 1300 = 400 \text{ mL}$

10.

$1240 - 420 = 820 \text{ mL}$

11.

$85 \times 30 = 2550 \text{ mL}$

$2550 \text{ mL} > 2500 \text{ mL}$

Yes, she will

12.

$$15 \times 30 \times 2 = 900 \text{ m}^3$$

$$3 \times 4 \times 2 = 24 \text{ m}^3$$

$$900 - 24 = 876 \text{ m}^3$$

13.

$$0.5 \times 0.6 \times (1.2 + 0.6) = 0.54 \text{ m}^3$$

14.

$$50 \times 85 \times 35 = 148750 \text{ mL}$$