Area

Name _____ Date _____

Find the area of each parallelogram.

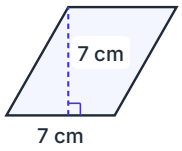
Common Core 6.G.A.1

Example **A parallelogram: base 9 cm, height 4 cm.**

1. Area = base × height. Use the height (the dashed line), not the slanted side.
2. 9 × 4 = 36.

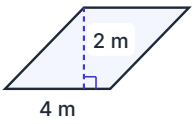
Answer: 36 cm²

1



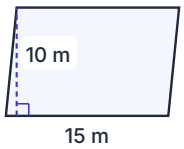
Area = ____ cm²

2



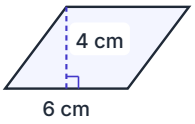
Area = ____ m²

3



Area = ____ m²

4



Area = ____ cm²

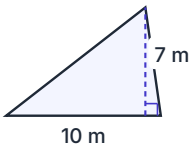
Find the area of each triangle.

Example **A triangle: base 10 cm, height 7 cm.**

1. A triangle is half of a parallelogram: area = base × height ÷ 2.
2. 10 × 7 = 70, and 70 ÷ 2 = 35.

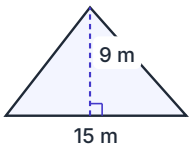
Answer: 35 cm²

5



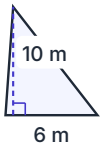
Area = ____ m²

6



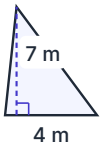
Area = ____ m²

7



Area = ____ m²

8



Area = ____ m²

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Volume

Name _____ Date _____

Find the volume.

Common Core 6.G.A.2

Example A box $1\frac{1}{2}$ cm × 4 cm × 3 cm.

1. Multiply the whole numbers first: 4 × 3 = 12.
2. Then multiply by $1\frac{1}{2}$: 12 × $1\frac{1}{2}$ = 12 + 6 = 18.

Answer: 18 cm³

1. 2 cm × $6\frac{1}{4}$ cm × 9 cm

   Volume = ☐ cm³

2. $5\frac{1}{2}$ cm × $9\frac{1}{2}$ cm × 4 cm

   Volume = ☐ cm³

3. 2 cm × 2 cm × $8\frac{1}{2}$ cm

   Volume = ☐ cm³

4. $4\frac{1}{4}$ cm × $5\frac{1}{2}$ cm × 4 cm

   Volume = ☐ cm³

Find the missing edge.

Example V = 90 cm³, length 5 cm, width 3 cm. Height?

1. Volume = length × width × height, so first find length × width: 5 × 3 = 15.
2. Divide the volume by it: 90 ÷ 15 = 6.

Answer: 6 cm

5. V = 108 cm³, length 2 cm, width 6 cm

   height = ☐ cm

6. V = 864 cm³, length 9 cm, width 8 cm

   height = ☐ cm

7. V = 24 cm³, length 4 cm, width 2 cm

   height = ☐ cm

8. V = 720 cm³, length 6 cm, width 10 cm

   height = ☐ cm

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Answers

Answers are in the same order as the boxes.

Page 1 · Area

1. 49 cm^2
2. 8 m^2
3. 150 m^2
4. 24 cm^2
5. 35 m^2
6. 67.5 m^2
7. 30 m^2
8. 14 m^2

Page 2 · Volume

1. 112 1/2 cm^3
2. 209 cm^3
3. 34 cm^3
4. 93 1/2 cm^3
5. 9
6. 12
7. 3
8. 12

Want more? Try the full Steady Practice pack for this topic: one skill per sheet, easiest first.

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