

Mid-Chapter Checkpoint



Vocabulary

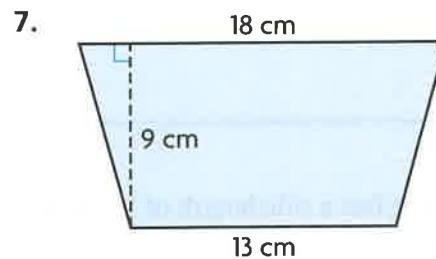
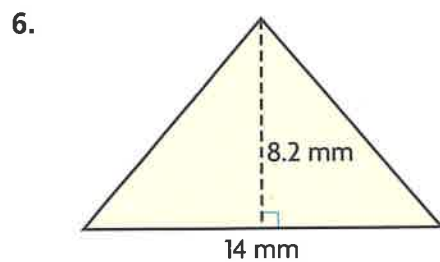
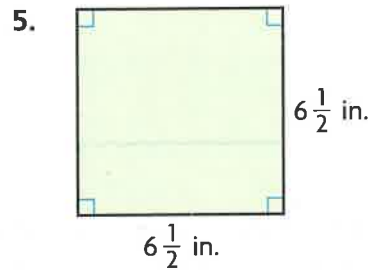
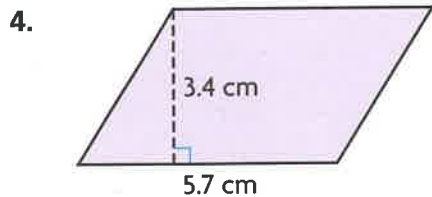
Vocabulary
area
congruent
parallelogram
trapezoid

Choose the best term from the box to complete the sentence.

1. A _____ is a quadrilateral that always has two pairs of parallel sides. (p. 533)
2. The measure of the number of unit squares needed to cover a surface without any gaps or overlaps is called the _____. (p. 533)
3. Figures with the same size and shape are _____. (p. 539)

Concepts and Skills

Find the area. (6.G.A.1, 6.EE.A.2c)




8. A parallelogram has an area of 276 square meters and a base measuring 12 meters. What is the height of the parallelogram?

9. The base of a triangle measures 8 inches and the area is 136 square inches. What is the height of the triangle?

10. The height of a parallelogram is 3 times the base. The base measures 4.5 cm. What is the area of the parallelogram? (6.G.A.1)
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11. A triangular window pane has a base of 30 inches and a height of 24 inches. What is the area of the window pane? (6.G.A.1)
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12. The courtyard behind Jennie's house is shaped like a trapezoid. The bases measure 8 meters and 11 meters. The height of the trapezoid is 12 meters. What is the area of the courtyard? (6.G.A.1)
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13.  Rugs sell for \$8 per square foot. Beth bought a 9-foot-long rectangular rug for \$432. How wide was the rug? (6.G.A.1, 6.EE.A.2c)
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14. A square painting has a side length of 18 inches. What is the area of the painting? (6.G.A.1, 6.EE.A.2c)
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