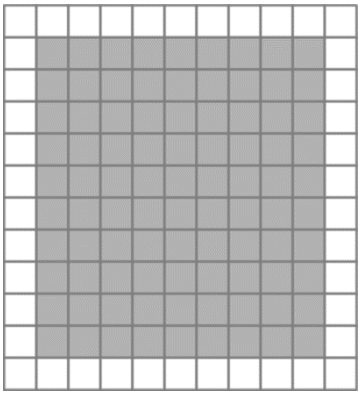
Name _____

Chapter 6 Test B

_____
26 pts

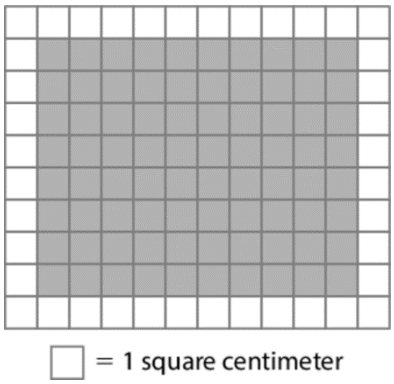
Find the area of the shape.

1.



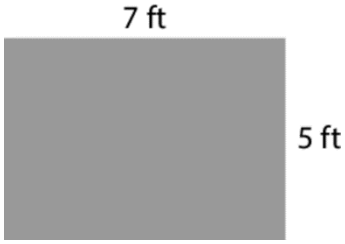
Area = ____ square units

2.



Area = _____

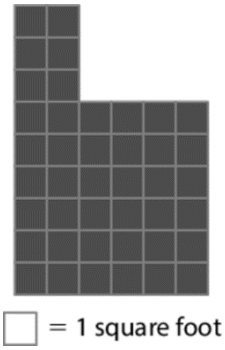
3.



_____ × _____ = _____

Area = _____

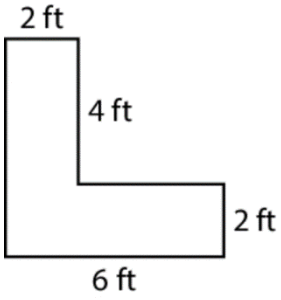
4.



Area = _____

5. You cut 1 rectangular piece of fabric into 2 rectangles. One rectangle is 2 feet wide and 8 feet long. The other rectangle is 2 feet wide and 9 feet long. What was the total area of the fabric before it was cut?

6. Find the area of the miniature golf hole.



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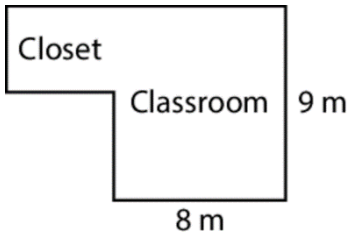
Name _____

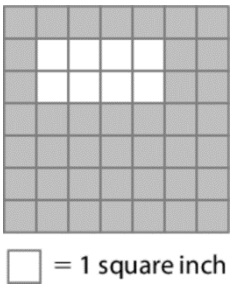
Chapter 6 Test B (continued)

7. Your friend paints a rectangular sign that is 9 feet long and 3 feet wide. You paint a square sign that is 5 feet long. Whose sign has a greater area?

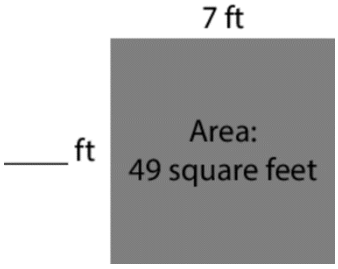
8. The floors of the classroom and closet have an area of 92 square meters. What is the area of the closet floor?



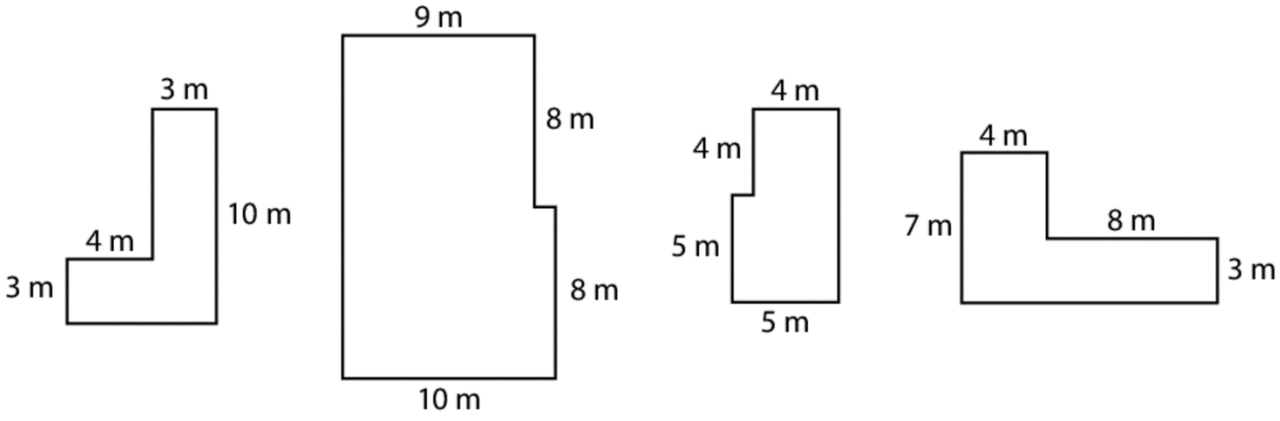
9. Find the area of the shaded shape.



10. Find the missing side length.



11. Newton designs two floor plans. The area of one plan is 10 square meters less than the other. Which floor plans are Newton's?



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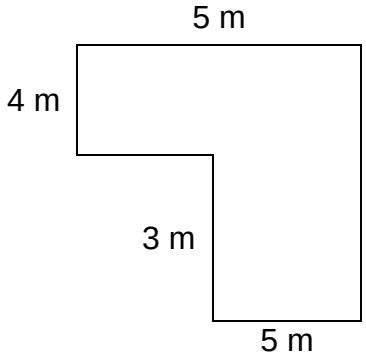
Name _____

Chapter 6

Test B (continued)

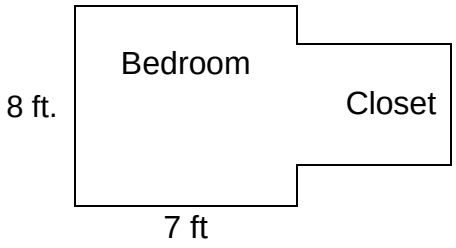
12. You cut 1 rectangular piece of wood into 2 rectangles. One rectangle is 3 feet wide and 7 feet long. The other rectangle is 2 feet wide and 10 feet long. What was the total area of the wood before it was cut?

13. Find the area of the swimming pool.

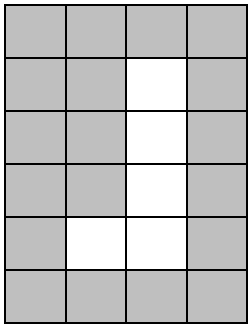


14. Your friend draws a rectangular box that is 6 feet long and 3 feet wide. You draw a square box that is 5 feet long. Whose box has a greater area?

15. The floors of the bedroom and closet have an area of 81 square feet. What is the area of the closet floor?

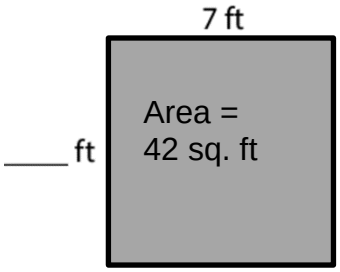


16. Find the area of the <u>shaded</u> shape.



= 1 square meter

17. Find the missing side length.



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