

# Linear Equation Application Problems

Module 2 review  
w/ Alison Hammack

1. Find the length if the perimeter is 48 units.



2. A rectangular room is three times as long as it is wide, and its perimeter is 64 meters. Find the width of the room.

3. The length of a rectangular garden is 10 feet longer than its width. The garden's perimeter is 80 feet. Find the length of the garden.

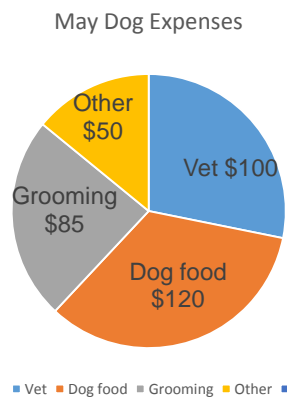


4. Carpet sells for \$6.00 per square foot and will cost you \$792 to recarpet your room. If your room is 12 feet long, how many feet wide is it?

5. Julie's living room is 15 feet wide. If the length is 5 feet less than twice the width, what is the area of her living room?



6. Jody categorized her spending on her two dogs for the month of May. What percent of her total spending did she spend on grooming? Round answer to nearest whole number.



7. Irina saved \$85 on an item that was 20% off. What was the original price?

8. A laptop has a price of \$499. The sales tax rate for the county is 7%.  
How much sales tax will be due?

