

Chapter 6 Review Questions

1. It takes 41 gallons of water for a washing machine to wash a load of laundry. How many quarts of water does it take to wash one load?
2. Addy's computer weighs 56 ounces, how many pounds does it weigh?
3. Benjamin's living room is a rectangle measuring 10 yards by 168 inches.

By how many inches does the length of the room exceed the width?

By how many yards does the length of the room exceed the width?

4. Choose $<$, $>$, $=$ for each
 - a. 43 feet _____ 15 yards
 - b. 5 tons _____ 5000 pounds
 - c. 10 pints _____ 5 quarts
 - d. 6 miles _____ 600 yards
5. The mass of Gavin's rock sample is 842 grams. The mass of Cade's rock sample is 49,510 centigrams.
Does Cade's or Gavin's rock sample weigh more?
How much more does the rock sample weigh?
6. Four horses are pulling a wagon. Each horse drinks 35,000 milliliters of water each day.
How much many kiloliters of water will the horses drink in 8 days?
7. Jeremy rides his bicycle 3.5 kilometers to school. Luke walks 1,650 meters to school.
How much farther does Jeremy have to ride his bike to school in meters?
8. Choose $<$, $>$, $=$ for each
 - e. 13 dekameters _____ 1500 meters
 - f. 5 kilograms _____ 5000 grams
 - g. 10.5 centiliter _____ 1000 milliliters
 - h. 1 inch _____ 2.54 centimeters
9. Miles cycled 65 miles at a rate of 20 miles per hour.
How long did it take Miles to cycles 65 miles?
10. Eva ran 23 miles in $3\frac{3}{4}$ hours.
What was her average rate?