Skill 2 - 17H: Measurement

Problem Solving: Length

Directions: Solve the following word problems.

1 foot = 12 inches   **1 yard = 3 feet = 36 inches**   **100 centimeters = 1 meter**

1. Joey measured his calculator. It is 7 inches long. Then he measured his computer. It is 1 foot long. Which is longer?	**2.** Kevin's toy car is 8 inches long. Mark's toy car is 1 foot long. How much longer is Mark's toy car?
3. Jerry has an aquarium. It is 24 inches long. How many feet long is Jerry's aquarium?	**4.** Jill's little sister is 2 feet tall. How many inches tall is Jill's sister?
5. Johnny is 4 feet tall. His little brother is 3 feet tall. How many feet taller is Johnny than his brother?	**6.** Mike's tricycle is 1 yard long. Gary's tricycle is 2 feet long. How much longer is Mike's tricycle than Gary's?
7. Mr. Dobbs has a yardstick. It is 36 inches long. How many feet long is a yardstick?	**8.** Sarah's pen is 7 inches long. Maria's pen is 5 inches long. How much longer is Sarah's pen?

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9. An eraser is 2 inches long. How long are 3 erasers placed in a line?	**10.** Mike's pencil is 10 centimeters long. Hardy's pencil is 7 centimeter long. How much longer is Mike's pencil?
11. Howard's skateboard is 2 feet long. Jerry's skateboard is 38 inches long. Who has the longer skateboard?	**12.** Miguel's book is 13 inches long. Harry's book is 1 foot long. Who has the longer book?
13. John has a pet snake. His snake is 1 yard long. Mike's pet snake is 24 inches long. How much longer is John's pet snake?	**14.** Kevin's pet snake is 1 meter long. How many centimeters long is Kevin's pet snake?
15. Fred's bicycle is 42 inches long. How many inches longer is his bicycle than one yard.	**16.** Larry's pet lizard is 113 centimeters long. How many centimeters longer is his pet than one meter?

Skill 2 - 17H

1 foot = 12 inches	1 yard = 3 feet = 36 inches	100 centimeters = 1 meter

1. Joey's computer is longer. His computer is 12 inches long. His calculator is only 7 inches long.	**2.** Mark's car is 12 inches long. Kevin's car is 8 inches long. 12 inches - 8 inches = 4 inches Mark's car is 4 inches longer than Kevin's.
3. 1 foot = 12 inches. 12 inches + 12 inches = 24 inches. Jerry's aquarium is 2 feet long.	**4.** 1 foot = 12 inches 2 feet = 24 inches Jill's sister is 24 inches tall.
5. 4 feet - 3 feet = 1 foot. Johnny is 1 foot taller than his little brother.	**6.** 1 yard - 3 feet. 3 feet - 2 feet = 1 foot. Mike's tricycle is 1 foot longer than Gary's.
7. 1 yard = 3 feet = 36 inches Mr. Dobb's yardstick is 3 feet long.	**8.** 7 inches - 2 inches = 5 inches Sarah's pen is 2 inches longer than Maria's.

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9. 2 inches + 2 inches + 2 inches = 6 inches.	**10.** 10 centimeters - 7 centimeters = 3 centimeters. Mike's pencil is 3 centimeters longer than Hardy's.
11. Jerry's skateboard is longer. 1 foot = 12 inches 2 feet = 24 inches 38 inches is longer than 24 inches.	**12.** Harry's book is 1 foot or 12 inches. Miguel's book is 13 inches. Miguel's book is longer.
13. John's pet snake is 1 yard long. 1 yard = 36 inches. John's pet snake is 36 inches long. Mike's pet snake is 24 inches long. John's pet snake is longer.	**14.** 1 meter = 100 centimeters. Kevin's pet snake is 100 centimeters long.
15. 1 yard = 36 inches 42 inches - 36 inches = 6 inches Fred's bike is 6 inches longer than 1 yard.	**16.** 1 meter = 100 centimeters. Larry's pet is 100 centimeters + 13 centimeters. Larry's pet is 13 centimeters longer than 1 meter.