

Length word problems (customary units)

Grade 5 Word Problems Worksheets

Read and answer each question:

1. 9 inches of ribbons are needed for wrapping each present. How many presents can be wrapped with 6 yards of ribbons?

2. Each parking spot is 8 feet wide. A parking lot has 24 parking spots side by side. What is the width (measured in yards) of the parking lot?

3. There are two trees in a park. The taller tree is 6 feet 8 inches. The shorter tree is 6 inches shorter than half the height of the taller tree. What is the height of the shorter tree?

4. The driveway in front of the brown house is 35 feet long and the driveway in front of the red house is 7 yards and 9 feet long. Which house has a longer driveway? By how much?

5. Eric's kite spool had 100 yards of string. At first, he let out 50 feet of string. Then, the kite rose for another 16 yards. How much string was left on the spool?

6. Each roll of tape is 30.5 feet long. A box contains 454 rolls of tape. In total, there are about _____ yards of tape.
 - a. 500
 - b. 5,000
 - c. 15,000



Answers

1. 6 yards = 216 inches
 $216 \div 9 = 24$
24 presents can be wrapped with 6 yards of ribbons.
2. $8 \times 24 = 192$
192 feet = 64 yards
The width of the parking lot is 64 yards.
3. 6 feet 8 inches $\times \frac{1}{2} = 5$ inches
= 3 feet 4 inches – 5 inches
= 2 feet 16 inches – 5 inches
= 2 feet 11 inches
The shorter tree is 2 feet 11 inches tall.
4. 7 yards 9 feet = 30 feet
The driveway in front of the red house is 30 feet long.
The brown house has a longer driveway and it is longer by 5 feet.
5. 50 feet = $16\frac{2}{3}$ yard
 $100 - 16\frac{2}{3} - 16 = 67\frac{1}{3}$
 $67\frac{1}{3}$ yards of string were left on the spool.
6. b