

Converting Measurements and Costs

Convert the following measurements.

1) Convert 4 feet into inches

2) Convert 2 yards into inches

3) Convert 5 yards into feet

4) Convert 2 miles into feet

5) Convert 5 miles into yards

6) 84 inches into feet

7) 234 inches into yards

8) 24 feet into yards

9) 12320 yards into miles

10) 47520 feet into miles

11) 7000 yards into miles

12) 1 000 000 inches into miles

Convert the following into yards, feet, and inches

13) 100 inches

14) 185 inches

Determine the following costs

15) Trim costs \$1.79 per linear foot. Tim buys 12 yards.

16) Trim costs \$1.79 per linear foot. Jim buys 60 inches.

17) Trim costs \$1.79 per linear foot. Yim buys 78 inches.

18) Trim costs \$1.79 per linear foot. Kim buys 81 inches.

19) Martha needs 170 inches of fabric. The fabric is only sold by the yard. The fabric costs \$10.49 per yard.

a. How many yards does she need?

b. How much will it cost?

c. How many inches will be left over?

20) Sammy is putting crown molding up around the walls of his living room. The room is rectangular and measures 14'6" x 20'3". The molding costs \$2.89 per foot. You cannot buy a fraction of a foot.

a. How many feet does he need?

b. Determine the cost.

c. How much is left over?

Answers to Converting Measurements and Costs

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|------------------------------|---------------|--|-----------------|
| 1) 48" | 2) 72" | 3) 15' | 4) 10560' |
| 5) 8800 yds | 6) 7' | 7) 6.5 yards | 8) 8 yards |
| 9) 7 miles | 10) 9 miles | 11) 3.98 miles | 12) 15.78 miles |
| 13) 2 yds, 2', 4" | 14) 5 yds, 5" | 15) \$64.44 | 16) \$8.95 |
| 17) \$11.64 | 18) \$12.10 | 19) a. 5 yards b. \$52.45 c. 10 inches | |
| 20) a. 70' b. \$202.30 c. 6" | | | |