

Name _____

Customary Units of Length

COMMON CORE STANDARD CC.4.MD.1

Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.

Complete.

1. 3 feet = 36 inches Think: 1 foot = 12 inches,
so 3 feet = 3×12 inches, or 36 inches

2. 2 yards = _____ feet

3. 8 feet = _____ inches

4. 7 yards = _____ feet

5. 4 feet = _____ inches

6. 15 yards = _____ feet

7. 10 feet = _____ inches

Compare using $<$, $>$, or $=$.

8. 3 yards 10 feet

9. 5 feet 60 inches

10. 8 yards 20 feet

11. 3 feet 10 inches

12. 3 yards 21 feet

13. 6 feet 72 inches

Problem Solving



14. Carla has two lengths of ribbon. One ribbon is 2 feet long. The other ribbon is 30 inches long. Which length of ribbon is longer? **Explain.**

15. A football player gained 2 yards on one play. On the next play, he gained 5 feet. Was his gain greater on the first play or the second play? **Explain.**

Lesson Check (CC.4.MD.1)

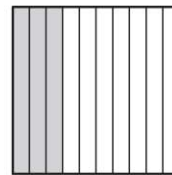
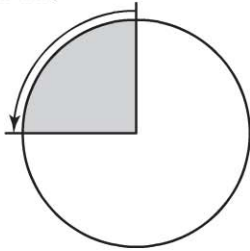
- Marta has 14 feet of wire to use to make necklaces. She needs to know the length in inches so she can determine how many necklaces to make. How many inches of wire does Marta have?

(A) 42 inches (C) 168 inches
(B) 84 inches (D) 504 inches
- Jarod bought 8 yards of ribbon. He needs 200 inches to use to make curtains. How many inches of ribbon does he have?

(A) 8 inches (C) 96 inches
(B) 80 inches (D) 288 inches

Spiral Review (CC.4.NF.6, CC.4.MD.1, CC.4.MD.2, CC.4.MD.5a)

- Which describes the turn shown below? (Lesson 11.1)
- Which decimal represents the shaded part of the model below? (Lesson 9.1)



- (A) $\frac{1}{4}$ turn counterclockwise
(B) $\frac{1}{4}$ turn clockwise
(C) $\frac{1}{2}$ turn clockwise
(D) $\frac{3}{4}$ turn counterclockwise
- (A) 0.03
(B) 0.3
(C) 0.33
(D) 0.7
- Three sisters shared \$3.60 equally. How much did each sister get? (Lesson 9.5)

(A) \$1.00
(B) \$1.20
(C) \$1.80
(D) \$10.80
 - Which is the best estimate for the width of your index finger? (Lesson 12.1)

(A) 1 millimeter
(B) 1 gram
(C) 1 centimeter
(D) 1 liter