

DISTANCE and LENGTH

ANSWERS

Cut out the ruler and measure each line to the nearest quarter inch. page 1

1. $3 \frac{1}{4}$
2. $4 \frac{3}{4}$
3. 6
4. $2 \frac{3}{4}$

Circle the best measurement for each object.

5. diameter of a soccer ball feet **inches** yards
6. height of a mountain inches miles **feet**
7. distance between two cities yards feet **miles**
8. length of a door miles **inches** yards
9. perimeter of a school **yards** miles inches

Solve the word problems below.

10. Howard ran 3 miles and Zetta ran 7,040 yards. How many total miles did they run combined? **7 MILES**
11. Kulo and Xena measured their rooms' perimeters. Kulo's room was 36 feet and Xena's room was 15 yards. What is the total perimeter of both rooms in yards? **27 YARDS**

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Use the ruler to mark the length on the line provided.

12. $4 \frac{3}{4}$ inches
13. $2 \frac{1}{2}$ inches
14. $3 \frac{1}{4}$ inches
15. 1.5 inches

Convert the measurements.

16. 3.5 feet = **42** inches
17. 12 yards = **36** feet
18. 3 miles = **5,280** yards
19. **6.5** feet = 78 inches
20. **1.5** miles = 7,920 feet
21. $3 \frac{2}{3}$ yards = 11 feet

1 foot = 12 inches
1 yard = 3 feet
1 yard = 36 inches
1 mile = 1,760 yards
1 mile = 5,280 feet

Circle the greater measurement.

22. **4 feet** or 44 inches
23. **1,860 yards** or 1 mile
24. 35 feet or **12 yards**
25. 2,600 feet or **$\frac{3}{4}$ miles**
26. **2.5 yards** or 31 inches
27. .2 miles or **440 yards**