





DISTANCE and LENGTH

NAME: **ANSWERS**

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

1. $2\frac{3}{4}$ 
2. $5\frac{1}{4}$ 
3. $4\frac{1}{2}$ 
4. $5\frac{3}{4}$ 

Circle the best measurement for each object.


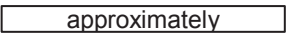
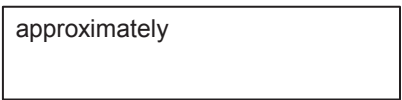
5. circumference of the Earth feet **miles** yards
6. area of a football field **yards** inches miles
7. distance to the moon yards feet **miles**
8. width of a table miles yards **inches**
9. depth of a swimming pool inches **feet** yards

Solve the word problems below.

10. Dillio ran 2.5 miles and Margret ran 1,320 yards more than him. How many miles did Margret run?
3.25 miles
11. Carva needs $\frac{2}{3}$ of a yard more fabric to finish her blanket. If she already used 11 feet, how many feet of fabric does she need total?
13 feet
12. Funkfert is building a picture frame. The length will be $3\frac{5}{6}$ feet and the width $2\frac{3}{4}$ feet. What is the perimeter of the picture frame in inches?
158 inches

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Use the ruler to draw the dimensions of each rectangle.

13. Length: $4\frac{1}{2}$ inches Width: $\frac{3}{4}$ inch

14. Length: $2\frac{3}{8}$ inches Width: $\frac{5}{16}$ inch

15. Length: $3\frac{1}{8}$ inches Width: $\frac{7}{8}$ inch


Convert the measurements.

16. $5\frac{1}{4}$ feet = 63 inches
 17. 8.5 yards = 25.5 feet
 18. $\frac{1}{8}$ mile = 220 yards
 19. $4\frac{1}{3}$ feet = 52 inches
 20. $\frac{1}{6}$ mile = 880 feet
 21. $28\frac{1}{3}$ yards = 85 feet
- 1 foot = 12 inches
1 yard = 3 feet
1 yard = 36 inches
1 mile = 1,760 yards
1 mile = 5,280 feet

Write the measurements from least to greatest.

22. **2** feet ; **3** inches ; $\frac{1}{9}$ **1** mile
23. **3** yards ; $36\frac{1}{2}$ **1** feet ; 444 **2** inches
24. **1** miles ; 19,544 **3** feet ; 6,160 **2** yards