DISTANCE and LENGTH

NAME: **ANSWERS**

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

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

    approximately

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

       approximately

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

    approximately

Convert the measurements.

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

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

Write the measurements from least to greatest.

22. 6⓪0 feet ; 7,30③nches ; $\frac{1}{9}$ ①ile   ② ③ ①

23. 12③ yards ; 36①feet ; 444 i②ches   ③ ① ②

24. 3.②miles ; 19,5③ feet ; 6,160②ards   ① ③ ②