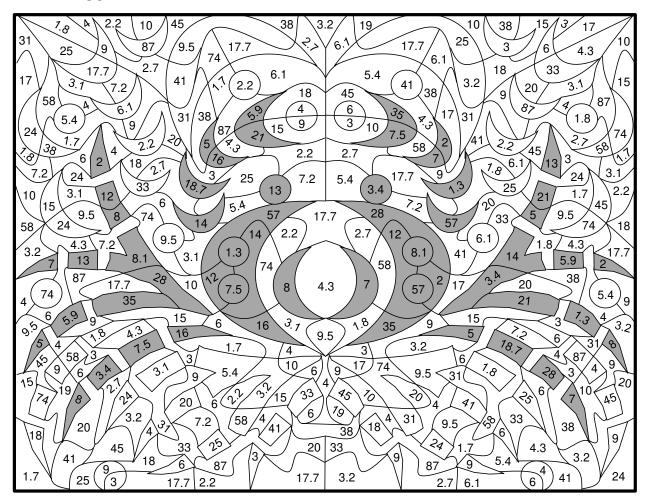
ANSWER, FIND, AND SHADE LINEAR MEASURE

ANSWERS



Find the measurement of each segment. All answers are in decimal form and figures are not drawn to scale.

3.
$$LU \xrightarrow{|\longleftarrow| 11.8 \text{ mm} \rightarrow |} Z \xrightarrow{L} U$$

5 0 mm

4.
$$RV \xrightarrow{|\longleftarrow| 16\frac{1}{4} \text{ cm} \longrightarrow |} T 8\frac{3}{4} \text{ cm} R V$$

5.
$$DF \stackrel{|\longleftarrow}{\longrightarrow} 9.2 \text{ yd} \stackrel{\longrightarrow}{\longrightarrow} 1$$
 $D = F = 7.9 \text{ yd} = Q$
1.3 vd

6.
$$BN \xrightarrow{\frac{1\frac{4}{5} \text{ in.}}{B} \frac{1\frac{3}{5} \text{ in.}}{Y} N}$$
3.4 in.

Find the value of x and PW if W is between P and S. Shade both answers for each problem.

7.
$$PW = 4x + 13$$
, $WS = 19x$, and $PS = 59$

$$X = {\bf 2}$$

$$PW = 21$$

8.
$$PW = 7x$$
, $WS = 5x$, and $PS = 60$

$$X = 5$$

$$PW = 35$$

9.
$$PW = 6x - 21$$
, $WS = 3x - 1$, and $PS = 95$

$$X = 13$$

$$PW = 57$$

10.
$$PW = 4x$$
, $WS = 8x$, and $PS = 84$

$$X = 7$$
 $PW = 28$

Use the number line to find each measure.

- 11. *AE*
- 12. *CG*
- 13. *AD*
- 14. *DF*

- 14
- 16
- 8
- 12