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

1. AG
   8.1 ft

2. KJ
   18.7 m

3. LU
   5.9 mm

4. RV
   7.5 cm

5. DF
   1.3 yd

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 $PS = 59$
   $x = 2$ \hspace{1cm} PW = 21

8. $PW = 7x$, $WS = 5x$, and $PS = 60$
   $x = 5$ \hspace{1cm} PW = 35

9. $PW = 6x - 21$, $WS = 3x - 1$, and $PS = 95$
   $x = 13$ \hspace{1cm} PW = 57

10. $PW = 4x$, $WS = 8x$, and $PS = 84$
    $x = 7$ \hspace{1cm} PW = 28

Use the number line to find each measure.

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

   14 \hspace{1cm} 16 \hspace{1cm} 8 \hspace{1cm} 12

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