

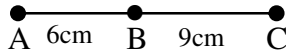
Name: _____

Date: _____

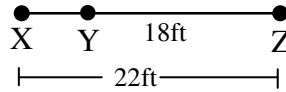
Linear Measure Worksheet A

For problems 1-6, find the measure of each segment.

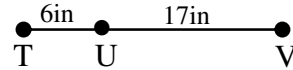
1) AC



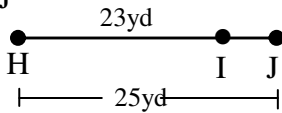
(2) XY



(3) TV



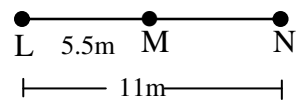
4) IJ



(5) DF



(6) MN



Find the value of the variable and B is between A and C:

7) $AB = 4x$
 $BC = 6x$
 $AC = 80$

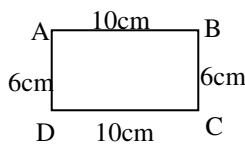
(8) $AB = 2x$
 $BC = 5x$
 $AC = 56$

(9) $AB = 3x - 1$
 $BC = 6x + 5$
 $AC = 40$

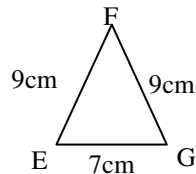
(10) $AB = 5x - 7$
 $BC = 21$
 $AC = 6x + 2$

Determine if the segments given are congruent:

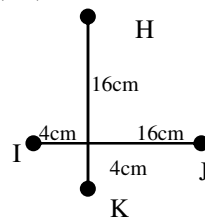
11) $\overline{AB}, \overline{BC}$



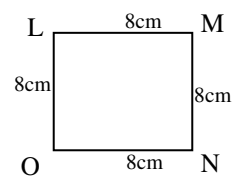
(12) $\overline{EF}, \overline{FG}$



(13) $\overline{IJ}, \overline{HK}$



(14) $\overline{LM}, \overline{NO}$



Vocabulary Review:

15) A segment contains 2 _____.

16) _____, _____, and _____ are undefined terms.

17) _____ points are points on the same line.

18) _____ means same size, same shape.

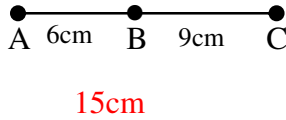
Name: _____

Date: _____

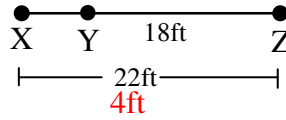
Linear Measure Worksheet A (with answers)

For problems 1-6, find the measure of each segment.

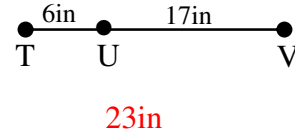
1) AC



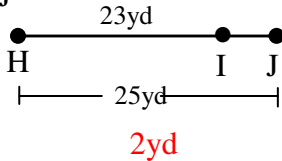
(2) XY



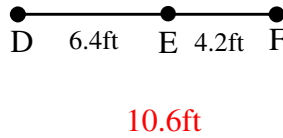
(3) TV



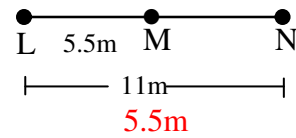
4) IJ



(5) DF



(6) MN



Find the value of the variable and B is between A and C:

7) $AB = 4x$
 $BC = 6x$
 $AC = 80$

$x = 8$

(8) $AB = 2x$
 $BC = 5x$
 $AC = 56$

$x = 7$

(9) $AB = 3x - 1$
 $BC = 6x + 5$
 $AC = 40$

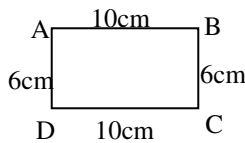
$x = 4$

(10) $AB = 5x - 7$
 $BC = 21$
 $AC = 6x + 2$

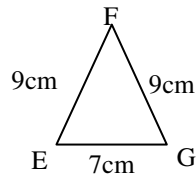
$x = 12$

Determine if the segments given are congruent:

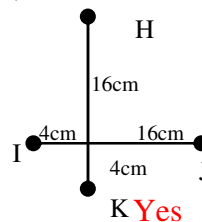
11) $\overline{AB}, \overline{BC}$



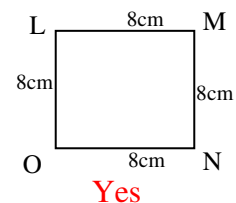
(12) $\overline{EF}, \overline{FG}$



(13) $\overline{IJ}, \overline{HK}$



(14) $\overline{LM}, \overline{NO}$



Vocabulary Review:

15) A segment contains 2 endpoints.

16) Points, lines, and planes are undefined terms.

17) Collinear points are points on the same line.

18) Congruent means same size, same shape.