RS = 2x +7

ST = 28

RT = 6x + 3

R ———————————————— S ———————— T

Find x and the length of RS & RT

1

M is between N and O. Find the length of all three segments.

N ——————— 17 ——————— M ——— $3x - 5$ ——— O
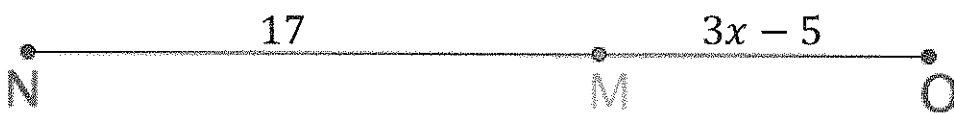
$NO = 5x + 2$

2

If DT = 60, find the value of x. The find DS and ST.

D —— $2x - 8$ —— S ——— $3x - 12$ ——— T

3

More examples of congruent segments:

Find EF, FG, and EG.

E ——— $3x + 2$ ——— F ——— $5x - 10$ ——— G

4