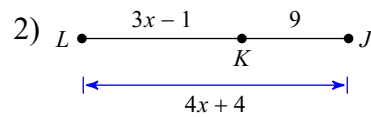
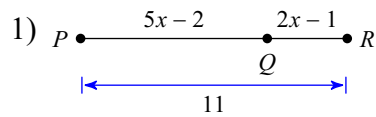
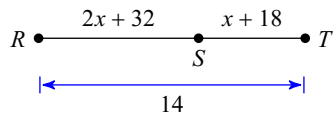
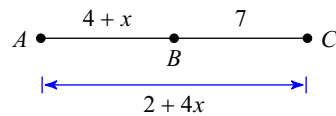


1-2 Segment Addition

Date _____ Period _____

Solve for x .**Find the length indicated.**3) Find RS 4) Find AC **Points A, B, C, and D are collinear and positioned in that order. Find the length indicated.**

5) $AB = 24$, $AD = 20x - 12$, $BC = 7x - 3$,
and $CD = 3x + 7$. Find BC .

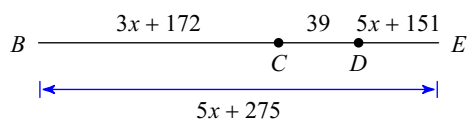
6) $BC = 4x - 50$, $AC = 17$, $AD = 4x - 29$,
and $BD = x + 9$. Find BC .

- 7) M is between L and N. $LM = 4x - 3$,
 $MN = 4x - 18$, $LN = 12x - 45$. Find LM,
 MN, and LN.

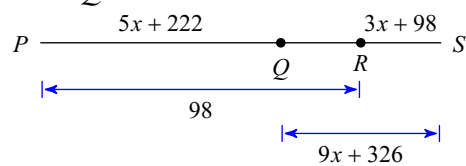
- 8) M is between L and N. $LM = \frac{3}{2}y + 3$,
 $MN = 2y + \frac{7}{2}$, $LN = 79$. Find y.

Find the length indicated.

- 9) Find BC



- 10) Find QS



Answers to 1-2 Segment Addition (ID: 1)

1) 2

5) 25

8) $20\frac{5}{7}$ or $\frac{145}{7}$

2) 4

6) 10

9) 85

3) 8

7) $LM = 21$, $MN = 6$, $LN = 27$

10) 38

4) 14