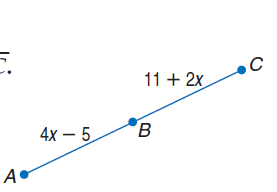
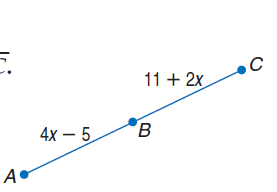
**Segment Relationships: Class Work**



1. Find the measure of if B is the midpoint of .

**Find the value of the variable and ST if S is between R and T. Justify your steps.**

2.

3.

4.

**Find the value of the variable and BC if B is between A and C. Justify your steps.**

5. *AB = 6x, BC = 2x, AC = 96*

6. *AB = 21, BC = 3a, AC = 36*

*7. AB = 6y + 2, BC = 2y - 6, AC = 3y*