

Practice

Measuring Segments*Given that B is between A and C, find each missing measure.*

1. $AB = 5.3, BC = \underline{\quad}, AC = 6.7$

2. $AB = 21, BC = 4.3, AC = \underline{\quad}$

3. $AB = \underline{\quad}, BC = 18.9, AC = 23$

4. $AB = 6\frac{3}{4}, BC = \underline{\quad}, AC = 10$

If B is between A and C, find the value of x and the measure of BC.

5. $AB = 3x, BC = 5x, AC = 8$

6. $AB = 3(x + 7), BC = 2(x - 3), AC = 50$

Refer to the coordinate plane at the right to find each measure. Round your answers to the nearest hundredth.

7. AB

8. BD

9. AE

10. CE

11. AD

12. BE

