

Review Chapter 1 Foundations for Geometry  
Lesson 1.2 Measuring and Constructing Segments

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19.  $\frac{1}{2}$
20. B
21. D
22.  $AB + AC = 10$ ,  $AB = 3$
23.  $x = 7$ ,  $200 = 20$
24.  $\frac{1}{2}$
25.  $x = 20$
26.  $AB = 40$  is incorrect. The statement should be written as  $AB = 40$ , not as 2 equations. But any  $x$ .
27. 60 cm, 10 cm
28. 3.075
29. B

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18.  $AB = \frac{1}{2}(AC + BC)$   
 $= \frac{1}{2}(12 + 10)$   
 $= 11$
19.  $AB = AC = 10$   
 $BC = AC = 10$   
 $\frac{10}{10} = \frac{10}{10}$   
 $1 = 1$
20.  $AB = AC = 10$   
 $BC = 10 + 10 = 20$   
 $\frac{10}{20} = \frac{10}{20}$   
 $\frac{1}{2} = \frac{1}{2}$   
 $x = 10$   
 $AB = 10$   
 $BC = 20$