

Name:  
Grade:

Date:

**Segment Addition Postulate**

1) Find  $AC$  if  $BC = 3$  and  $AB = 10$ .

2) Find  $BC$  if  $AC = 17$  and  $AB = 8$ .

3) Find  $AB$  if  $BC = 7$  and  $AC = 10$ .

4)  $BC = 8$  and  $AC = 10$ . Find  $AB$ .

5) Find  $AC$  if  $BC = 2$  and  $AB = 8$ .

6)  $AC = 16$  and  $BC = 10$ . Find  $AB$ .

7)  $AB = 1$  and  $AC = 12$ . Find  $BC$ .

8)  $AC = 17$  and  $AB = 10$ . Find  $BC$ .

9) Find  $AC$  if  $AB = 11$  and  $BC = 10$ .

10)  $AB = 7$  and  $BC = 5$ . Find  $AC$ .

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Answers to

- 1) 13
- 4) 2
- 7) 11
- 10) 12

- 2) 9
- 5) 10
- 8) 7

- 3) 3
- 6) 6
- 9) 21