

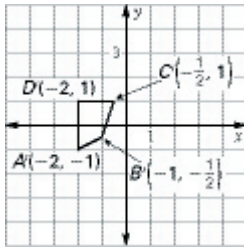
# Answer Key

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## Chapter 6

### Chapter Test C

1.  $\frac{4}{9}$  2.  $\frac{1}{5}$  3.  $\frac{24}{1}$  4.  $x = 14$  5.  $x = 24$   
6.  $x = 7$  7.  $\frac{39}{5}$  8.  $\frac{320}{31}$  9. 4 m 10.  $\frac{8}{5}$   
11.  $11\frac{1}{5}$  12.  $LM = 8.1, PQ = 13.0$   
13. similar;  $\triangle ABE \sim \triangle CBD$  14. not similar  
15. similar;  $\triangle JKL \sim \triangle JMN$   
16. similar;  $\triangle EHD \sim \triangle GHF$   
17.  $x = 16$  18.  $x = 7$  19.  $x = 10.2$  20.  $x = 5$   
21. 22.



23. \$369