

Geometry 8.4b Worksheet Answers

1. $n = 3$

2. $x = 17.32$

3.

a. $\frac{5\sqrt{34}}{34}$

b. $\frac{3\sqrt{34}}{34}$

c. $\frac{5}{3}$

d. $\frac{3\sqrt{34}}{34}$

e. $\frac{5\sqrt{34}}{34}$

f. $\frac{3}{5}$

4.

a. $\frac{\sqrt{91}}{10}$

b. $\frac{3}{10}$

c. $\frac{\sqrt{91}}{3}$

d. $\frac{3}{10}$

e. $\frac{\sqrt{91}}{10}$

f. $\frac{3\sqrt{91}}{91}$

5. $u = 7.61; v = 5.09$

6. $u = 8.72; v = 7.14$

7. $x = 10.43; y = 7.66$

8. $a = 5.32; b = 4.40$

9.

a. C

b. B

10. 7.51 miles

11. 6.61 feet

12. 49.26 feet

13. 5.31 feet