

Geometry team ques.
Solutions

1. 35°

2. 32.

3 21

4 $67\frac{1}{2}$

5 17 and $6\frac{3}{8}$ or $\frac{51}{8}$

6 12 (only) (-15 yields a neg angle measure)

7. $\frac{8}{3}$ or $2\frac{2}{3}$

8. $4\sqrt{5}$

9. 4

10. $7\frac{1}{3}$

11. $\frac{27}{4}$ or $6\frac{3}{4}$

12 8

13 5.5/m.

14 $x=9$, $y=5\frac{2}{5}$ or 5.4

15 $\frac{a}{b} = \frac{3}{2}$