

Math 3 Advanced

Unit 4 Quiz - KEY

1. d. 5, 9, 15

2. 126°

3. width is 5

4. each side is 10

5. $UV = 135$

6. $P(12, 9)$

7. $\tan \angle B = \frac{4}{3}$

8. the length of the hypotenuse is $\frac{40}{\sqrt{3}}$

9. $\alpha = \tan^{-1}\left(\frac{1}{6}\right)$

10. $x = \frac{7}{\sin 12^\circ}$