

Name: _____ Block: _____ Date: _____

Algebra and Trigonometry Evaluation

v1

For 1-9, solve each equation for the indicated variable ANSWER

1. $F = ma$ a

2. $I = \frac{V}{R}$ V

3. $I = \frac{V}{R}$ R

4. $C = K + 273$ K

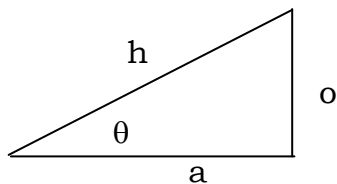
5. $F = 1.8C + 32$ C

6. $KE = \frac{mv^2}{2}$ v

7. $T = 2\pi \sqrt{\frac{L}{g}}$ L

8. $x = y\left(1 - \frac{a}{b}\right)$ a

9. $ab + cd = wx + yz$ w



10. If $h = 5$, $a = 4$ and $o = 3$, what is $\sin \theta$?

11. For the same values as problem 10, what is θ in degrees?

12. If $\theta = 25^\circ$, and $h = 7$, solve for a