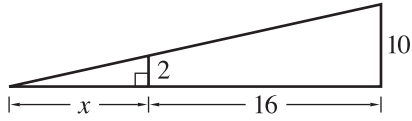




8. In the figure shown, what is the value of  $x$ ?



- (a) 2                      (b) 3.2                      (c) 4                      (d) 5                      (e) 8
9. Simplify  $-2^x \cdot 2^{-x}$ .
- (a)  $-4^{2x}$                       (b)  $-2$                       (c) 2                      (d)  $-1$                       (e)  $-4^{-2x}$
10. Simplify  $\sqrt{3} \cdot \sqrt{30}$ .
- (a)  $\sqrt{33}$                       (b)  $\sqrt{10}$                       (c)  $9\sqrt{10}$                       (d)  $\sqrt[4]{90}$                       (e)  $3\sqrt{10}$