

Practice A

Part A: Simplify the expression or solve the equation.

1. $\sqrt{192}$

2. $\frac{20}{\sqrt{2}}$

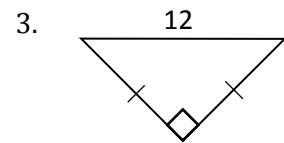
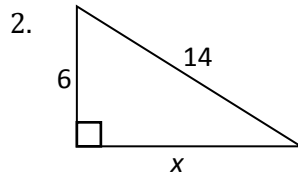
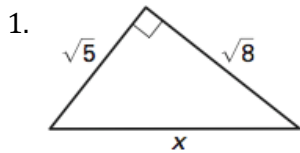
3. $(\sqrt{6})^2$

4. $(2\sqrt{5})^2$

5. $\frac{\sqrt{6}}{\sqrt{2}}$

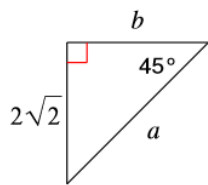
6. $\frac{\sqrt{3}}{9} = \frac{2}{x}$

Part B: Find the missing side lengths. Give an exact answer in simplest form.

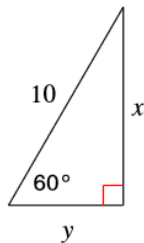


Part C: Find the value of the variables. Leave all values in simplest radical form.

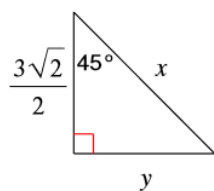
1)



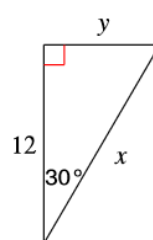
2)



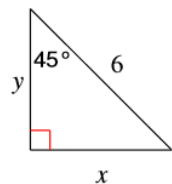
3)



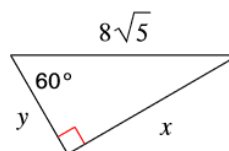
4)



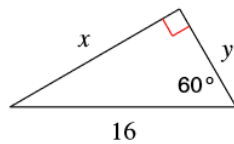
5)



6)



7)



8)

