

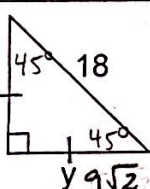
① Label

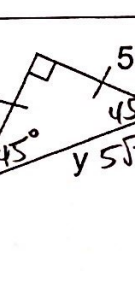
② Solve

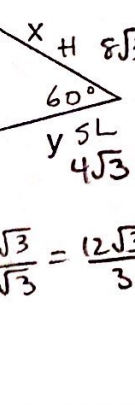
Geometry
Classwork – Special Right Triangles


Name _____

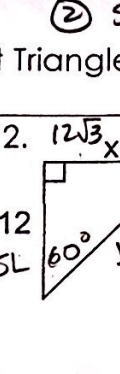
Date _____

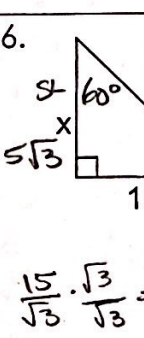
1. 
$$\frac{18}{\sqrt{2}} \cdot \frac{\sqrt{2}}{\sqrt{2}} = \frac{18\sqrt{2}}{2} = 9\sqrt{2}$$

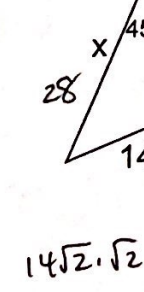
2. 
$$\frac{24}{2} = 12$$


3. 
$$\frac{9\sqrt{3}}{\sqrt{3}} = 9$$

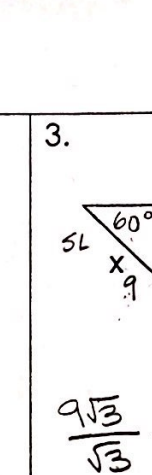
4. 
$$\frac{15\sqrt{2}}{\sqrt{2}} = 15$$

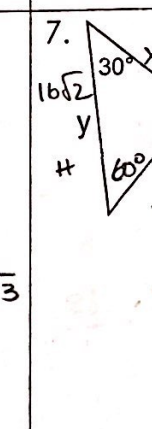
5. 
$$\frac{5\sqrt{2}}{\sqrt{2}} = 5$$

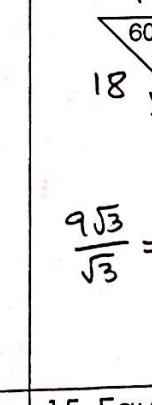
6. 
$$\frac{15}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{15\sqrt{3}}{3} = 5\sqrt{3}$$

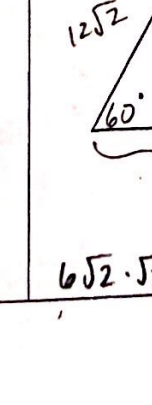
7. 
$$\frac{16\sqrt{2}}{\sqrt{2}} = 16$$

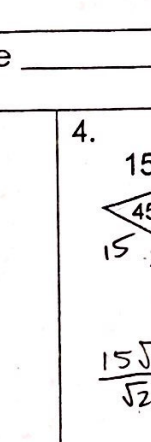
8. 
$$7\sqrt{3} \cdot \sqrt{3} = 7\sqrt{9} = 7 \cdot 3 = 21$$

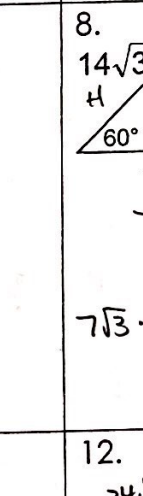
9. 
$$\frac{12}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{12\sqrt{3}}{3} = 4\sqrt{3}$$

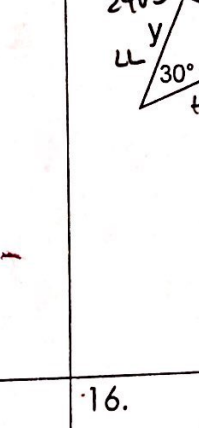
10. 
$$14\sqrt{2} \cdot \sqrt{2} = 14\sqrt{4} = 14 \cdot 2 = 28$$

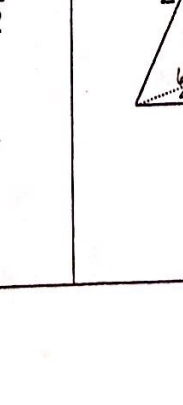
11. 
$$\frac{9\sqrt{3}}{\sqrt{3}} = 9$$

12. 
$$\frac{24}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{24\sqrt{3}}{3} = 8\sqrt{3}$$

13. 
$$\frac{28}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{28\sqrt{3}}{3}$$

14. 
$$\frac{20}{2} = 10$$

15. Equilateral Triangle

$$6\sqrt{2} \cdot \sqrt{3} = 6\sqrt{6}$$

16. 
$$\frac{x\sqrt{2}}{2} \cdot \sqrt{3} = \frac{x\sqrt{6}}{2}$$