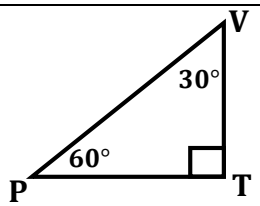
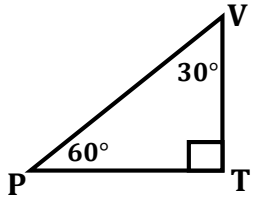
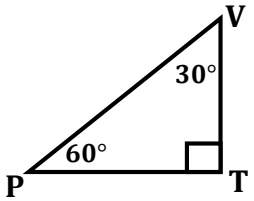
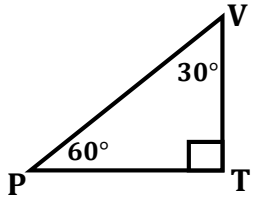
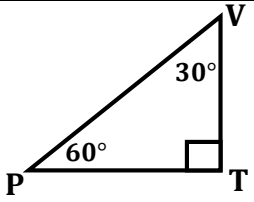
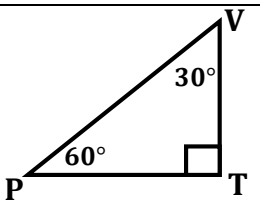
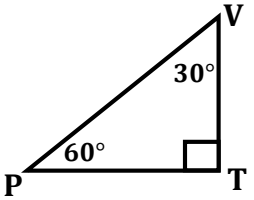
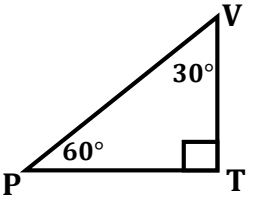
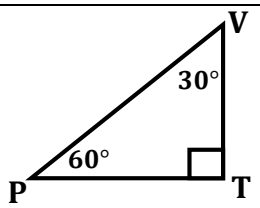
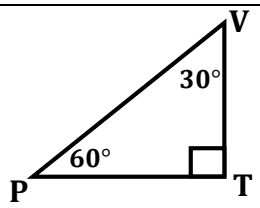
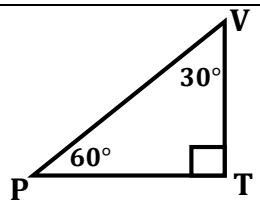
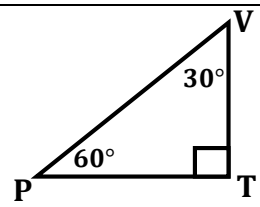
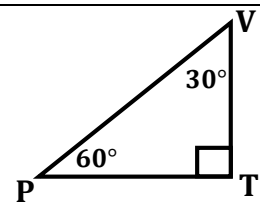
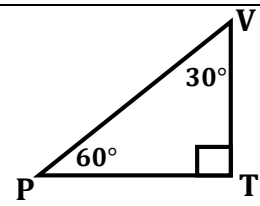
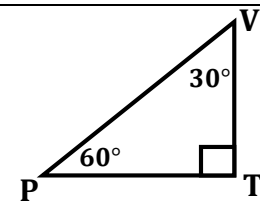
NAME_____**DATE**_____**PER.**_____

$30° - 60° - 90°$ TRIANGLES

The length of one side of ΔPTV is given. Use the relationship between the sides of a $30° - 60° - 90°$ triangle to find the lengths of the other two sides.

1. $VT =$ _____ $PV =$ _____	$PT = 4$	
2. $PT =$ _____ $PV =$ _____	$VT = 2$	
3. $PT =$ _____ $VT =$ _____	$PV = 3$	
4. $PT =$ _____ $PV =$ _____	$VT = 7$	
5. $VT =$ _____ $PV =$ _____	$PT = \frac{1}{2}$	
6. $PT =$ _____ $VT =$ _____	$PV = 100$	
7. $PT =$ _____ $PV =$ _____	$VT = 1$	
8. $PT =$ _____ $PV =$ _____	$VT = \sqrt{3}$	

9. VT = _____ PV = _____	$PT = \frac{1}{3}$	
10. PT = _____ PV = _____	$VT = 3\sqrt{3}$	
11. PT = _____ PV = _____	$VT = \frac{1}{2}$	
12. PT = _____ VT = _____	$PV = 2\sqrt{3}$	
13. VT = _____ PV = _____	$PT = \sqrt{3}$	
14. PT = _____ VT = _____	$PV = 37$	
15. PT = _____ VT = _____	$PV = 20$	
16. VT = _____ PV = _____	$PT = \sqrt{2}$