

Name _____ Date _____

Quiz: Special Right Triangles

Find the exact value of the following

1 $\sin 30^\circ + \cot 30^\circ + \operatorname{cosec} 30^\circ$

2 $\cos 45^\circ \cdot \cot 45^\circ$

3 $\tan 60^\circ + \cot 30^\circ + \operatorname{cosec} 45^\circ$

4 $(\cot 30^\circ)^2 - (\tan 30^\circ)^2$

5 $\operatorname{cosec} 60^\circ + (\sin 30^\circ + \tan 30^\circ)$

6 $(\cos 30^\circ)^2 \cdot \operatorname{cosec} 60^\circ$

7 $\sec 60^\circ + \operatorname{cosec} 45^\circ + (\tan 60^\circ)^2$

8 $(\tan 60^\circ)^2 + (\sec 60^\circ)^2$

9 $\cot 45^\circ + \cos 45^\circ - \operatorname{cosec} 30^\circ$

10 $(\sec 45^\circ)^2 \cdot (\tan 60^\circ)^2$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%