

Name _____

Date _____

Special Right Triangles (Trigonometry emphasis) - Independent Practice Worksheet

Complete all the problems.

1. Find the exact value of $\tan 0^\circ + \cos 90^\circ - \sin 0^\circ$.
2. Find the exact value of $\sec 30^\circ - \sin 45^\circ + \sin 90^\circ$.
3. Find the exact value of $\operatorname{cosec} 30^\circ + \operatorname{cosec} 60^\circ + \operatorname{cosec} 90^\circ$.
4. Find the exact value of $\cot 30^\circ - \tan 0^\circ + \cos 60^\circ$.
5. Find the exact value of $\sin 30^\circ + \cos 0^\circ + \tan 30^\circ$.
6. Find the exact value of $\cos 60^\circ - \cot 30^\circ - \cot 90^\circ$.
7. Find the exact value of $\tan 30^\circ + \sin 90^\circ + \cot 60^\circ$.
8. Find the exact value of $\sec 60^\circ - \operatorname{cosec} 30^\circ - \sin 0^\circ$.
9. Find the exact value of $\operatorname{cosec} 60^\circ + \sec 30^\circ + \sin 60^\circ$.
10. Find the exact value of $\operatorname{cosec} 90^\circ + \cot 30^\circ - \tan 0^\circ$.

