

Trigonometric Functions

Evaluate the following; correct to 3 decimal places.

1) $\frac{1}{\cos 28^\circ}$ =	11) $\frac{17}{\sin 11^\circ}$ =	21) $\frac{35}{\tan 85^\circ}$ =	31) $\frac{31}{13\cos 36^\circ}$ =
2) $\frac{1}{\tan 59^\circ}$ =	12) $\frac{15}{\sin 69^\circ}$ =	22) $\frac{11}{\sin 25^\circ}$ =	32) $\frac{11}{13\sin 41^\circ}$ =
3) $\frac{1}{\tan 51^\circ}$ =	13) $\frac{15}{\cos 61^\circ}$ =	23) $\frac{28}{\tan 24^\circ}$ =	33) $\frac{32}{11\sin 52^\circ}$ =
4) $\frac{1}{\sin 37^\circ}$ =	14) $\frac{6}{\sin 69^\circ}$ =	24) $\frac{23}{\tan 11^\circ}$ =	34) $\frac{14}{13\sin 37^\circ}$ =
5) $\frac{1}{\sin 73^\circ}$	15) $\frac{14}{\sin 70^\circ}$	25) $\frac{10}{\tan 61^\circ}$	35) $\frac{9}{12\tan 36^\circ}$
6) $\frac{1}{\sin 80^\circ}$ =	16) $\frac{5}{\tan 45^\circ}$ =	26) $\frac{5}{\sin 73^\circ}$ =	36) $\frac{16}{4\sin 47^\circ}$ =
7) $\frac{1}{\tan 71^\circ}$ =	17) $\frac{13}{\sin 22^\circ}$ =	27) $\frac{16}{\sin 49^\circ}$ =	37) $\frac{23}{8\tan 25^\circ}$ =
8) $\frac{1}{\cos 61^\circ}$ =	18) $\frac{2}{\tan 53^\circ}$ =	28) $\frac{29}{\tan 36^\circ}$ =	38) $\frac{25}{13\tan 36^\circ}$ =
9) $\frac{1}{\cos 37^\circ}$ =	19) $\frac{2}{\cos 66^\circ}$ =	29) $\frac{9}{\tan 35^\circ}$ =	39) $\frac{18}{8\sin 74^\circ}$ =
10) $\frac{1}{\tan 21^\circ}$ =	20) $\frac{5}{\sin 41^\circ}$ =	30) $\frac{19}{\cos 63^\circ}$ =	40) $\frac{11}{4\tan 69^\circ}$ =