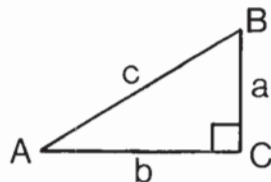


Use the table of trigonometric ratios to do each exercise. Find each answer at the bottom of the page and write the letter of the exercise above it.

Find the following:

- (T) $\sin 25^\circ$ (H) $\tan 35^\circ$ (E) $\cos 10^\circ$ (E) $\cos 80^\circ$ (O) $\sin 70^\circ$ (A) $\tan 45^\circ$

Use the figure at the right for the remaining exercises.



- (W) If $m\angle A = 20^\circ$, then $\frac{a}{c} =$
 (O) If $\frac{a}{c} = 0.5736$, then $m\angle A =$
 (E) If $m\angle A = 75^\circ$, then $\frac{b}{c} =$
 (N) If $\frac{b}{c} = 0.5000$, then $m\angle A =$
 (E) If $m\angle A = 55^\circ$, then $\frac{a}{b} =$
 (T) If $\frac{a}{b} = 0.8391$, then $m\angle A =$
 (D) If $m\angle B = 5^\circ$, then $\frac{a}{c} =$
 (W) If $\frac{a}{c} = 0.4226$, then $m\angle B =$
 (T) If $m\angle B = 30^\circ$, then $\frac{b}{a} =$
 (N) If $\frac{b}{a} = 5.6713$, then $m\angle B =$
 (F) If $m\angle B = 50^\circ$, then $\frac{b}{c} =$
 (D) If $\frac{b}{c} = 0.2588$, then $m\angle B =$

Angle	Sin	Cos	Tan
0°	0.0000	1.0000	0.0000
5°	.0872	.9962	.0875
10°	.1736	.9848	.1763
15°	.2588	.9659	.2679
20°	.3420	.9397	.3640
25°	.4226	.9063	.4663
30°	.5000	.8660	.5774
35°	.5736	.8192	.7002
40°	.6428	.7660	.8391
45°	.7071	.7071	1.0000
50°	.7660	.6428	1.1918
55°	.8192	.5736	1.4281
60°	.8660	.5000	1.7321
65°	.9063	.4226	2.1445
70°	.9397	.3420	2.7475
75°	.9659	.2588	3.7321
80°	.9848	.1736	5.6713
85°	.9962	.0872	11.4301
90°	1.0000	.0000	-----

0.7002 0.2588 65° 0.9848 80° 0.4226 15° 0.9397 0.3420 60° 0.5774 35° 0.9962 0.1736 0.7660 1.4281 1.0000 40°