

Use the trigonometric tables in your book to determine the following values.

Do not use a calculator

Remember where the values are positive or negative.

	Value	Quadrant #	Found in book on page #
1) Sine 20° =	0.3420	1	369
2) Tangent $45^\circ 20'$ =	1.0117	1	371
3) Cosecant 88° =	1.001	1	367
4) Cotangent 77° =	0.2309	1	368
5) Cosine $89^\circ 20'$ =	0.0116	1	367
6) Sine 172° = $180 - 172 = 8^\circ$	0.1392	2	367
7) Tangent $92^\circ 10'$ = $179^\circ 60' - 92^\circ 10' = 87^\circ 50'$	-26.432	2	367
8) Cosine 162° = $180 - 162 = 18^\circ$	-0.9511	2	368
9) Secant 180° =	-1.000	2-3	367
10) Sine 46° =	0.7193	1	371
11) Tangent 200° = $200 - 180 = 20^\circ$	0.3640	3	369
12) Tangent 344° = $360 - 344 = 16^\circ$	-0.2867	4	368
13) Cosine 358° = $360 - 358 = 2^\circ$	0.9994	4	367
14) Cosine 362° = $362 - 360 = 2^\circ$	0.9994	1	367
15) Sine $345^\circ 30'$ = $359^\circ 60' - 345^\circ 30' = 14^\circ 30'$	-0.2504	4	368
16) Sine 30° =	0.5000	1	370
17) Secant $55^\circ 20'$ =	1.758	1	370
18) Cosine 60° =	0.5000	1	370
19) Tangent 720° = 0°	0.0000	1-4	367
20) Cosecant 0° =	Undefined	1-4	367

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