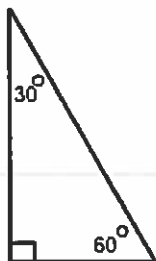


Exact Values of Sine, Cosine, and Tangent of Special Angles

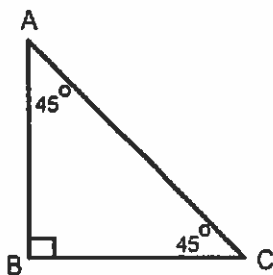
1. Given the following right triangle, determine the exact value of:

a) \sin , \cos , and \tan of 30°

b) \sin , \cos , and \tan of 60°



2. Given the following right triangle, determine the exact value of \sin , \cos , and \tan of 45°



3. Determine the exact values for the following trigonometric ratios.

a. $\sin(-60^\circ)$

b. $\cos 225^\circ$

c. $\tan 315^\circ$

d. $\cos 330^\circ$

e. $\sin 225^\circ$

f. $\tan 150^\circ$

g. $\tan(-150^\circ)$

h. $\sin(-225^\circ)$

i. $\cos 315^\circ$

j. $\sin(-330^\circ)$

k. $\tan 225^\circ$

l. $\cos(-240^\circ)$