

Homework

p. 420: 2, 6, 7, 9, 13

2 Find each ratio.

a $\sin 30^\circ$

b $\cos 30^\circ$

c $\tan 30^\circ$

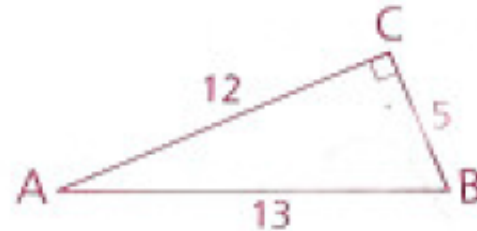
d $\sin 60^\circ$

e $\cos 60^\circ$

f $\tan 60^\circ$



6 Using the figure as marked, name each missing angle.



a $\frac{5}{12} = \tan \angle \underline{\hspace{1cm}} ?$

b $\frac{12}{13} = \cos \angle \underline{\hspace{1cm}} ?$

c $\frac{5}{13} = \sin \angle \underline{\hspace{1cm}} ?$

7 Find each quantity.



a BC

b $\sin \angle A$

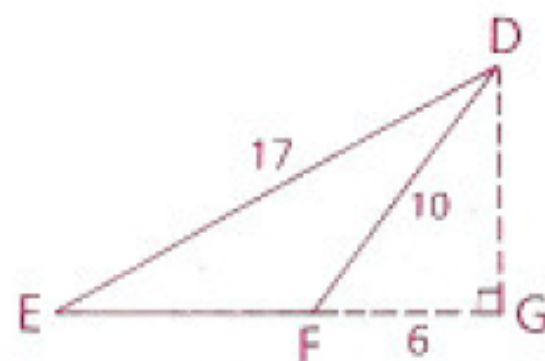
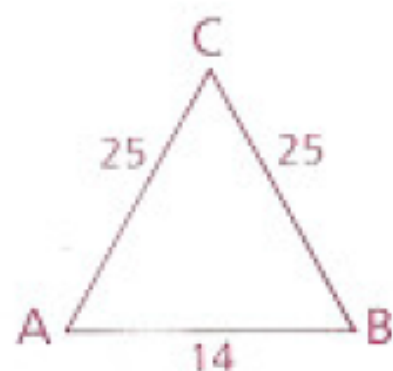
c $\tan \angle B$

9 Using the given figures, find

a $\cos \angle A$

b $\sin \angle E$

c $\sin \angle DFG$



13 Using the figure, find

a $\tan \angle ACD$

b $\sin \angle A$

