

9.9

Tuesday, March 01, 2011
7:21 AM

pg. 420 2, 3, 5, 7, 9, 10, 11, 14, 16, 17, 18, 22

2. a. $\frac{1}{2}$ b. $\frac{\sqrt{3}}{2}$ c. $\frac{\sqrt{3}}{3}$ d. $\frac{\sqrt{3}}{2}$ e. $\frac{1}{2}$ f. $\sqrt{3}$

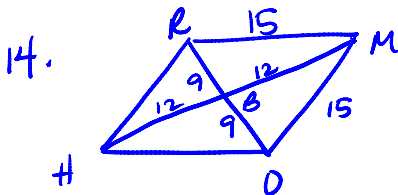
3. a. $\frac{\sqrt{2}}{2}$ b. $\frac{\sqrt{2}}{2}$ c. 1

5. $\frac{4}{5}$ 7. a. $2\sqrt{6}$ b. $\frac{2\sqrt{6}}{7}$ c. $\frac{5\sqrt{6}}{12}$

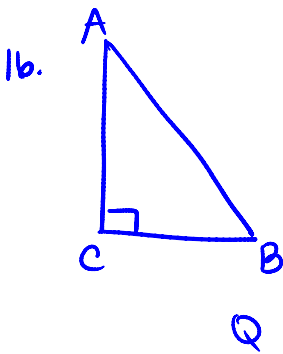
9. a. $\frac{7}{25}$ b. $\frac{8}{17}$ c. $\frac{4}{5}$

10. $\sin 40^\circ = \frac{h}{200}$ $.6428 = \frac{h}{200}$ $h = .6428 * 200 = 129 \text{ m}$

11. a. 45° b. 30°

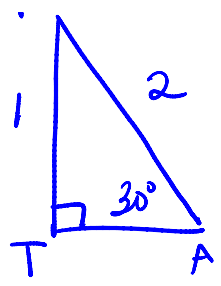
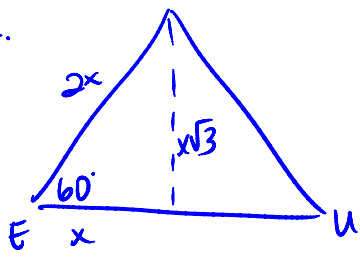


a. $\cos \angle BEM = \frac{3}{5}$ b. $\tan \angle BHO = \frac{3}{4}$



- a. $\sin A = \cos B$ Always
 - b. $\sin A = \tan A$ Never
 - c. $\sin A = \cos A$ Sometimes
- R

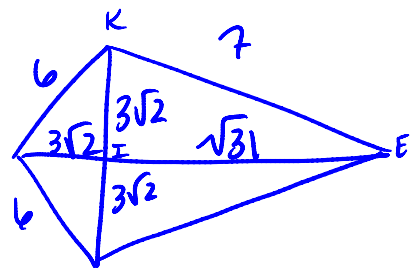
17.



$$\sin \angle E = \frac{\sqrt{3}}{2} = \cos \angle A$$

18. $\frac{5}{8}$

22.



$$\tan \angle KEI = \frac{3\sqrt{62}}{31}$$