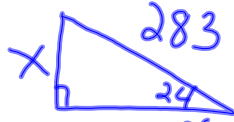


Warm up: p. 751

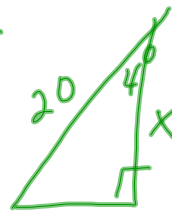
Lesson 13-5 #5-7

5.



$$\sin 24 = \frac{x}{283}$$
$$283 \sin 24 = x$$

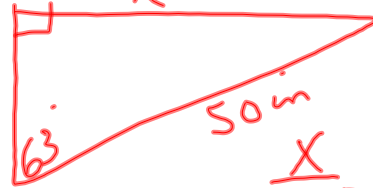
6.



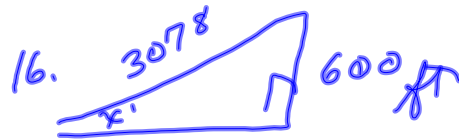
$$\cos 40 = \frac{x}{20}$$

$$20 \cos 40 = x$$

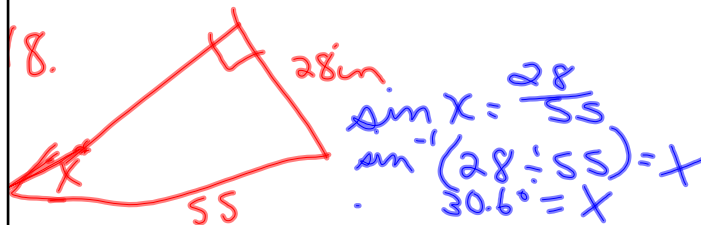
7.



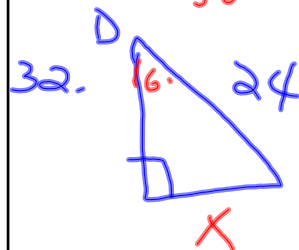
$$\sin 63 = \frac{x}{50}$$
$$50 \sin 63 = x$$
$$44.6 \text{ m} = x$$



$$\sin x = \frac{600}{3078}$$
$$\sin^{-1}\left(\frac{600}{3078}\right) = x$$
$$11.2^\circ = x$$



$$\sin x = \frac{28}{55}$$
$$\sin^{-1}\left(\frac{28}{55}\right) = x$$
$$30.6^\circ = x$$



$$\sin 16 = \frac{x}{24}$$

36. $\tan x = \frac{563}{100}$
 $\tan^{-1}(563 \div 100) = x$

37. $x \sqrt{2} = 8$
 $\frac{x \sqrt{2}}{\sqrt{2}} = \frac{8}{\sqrt{2}}$
 $x = \frac{8 \sqrt{2}}{\sqrt{2} \sqrt{2}}$
 $= \frac{8 \sqrt{2}}{2}$
 $x = 4 \sqrt{2}$
 $4 \sqrt{2} \times 4 \sqrt{2} = A$
 $16(2) = A$
 $32 \text{ cm}^2 = A$

In Class: p. 578 - 580

1- 10 all, 12 - 34 even

HOMEWORK: p. 581 all