

**SM3H 8.5 odd answers**

1. work is the answer

3. 1

5.  $-\frac{1}{2}$

7.  $\sin 26^\circ$

9.  $\tan 30^\circ = \frac{\sqrt{3}}{3}$

11.  $\frac{\sqrt{2-\sqrt{3}}}{2}$

13.  $\frac{\sqrt{2+\sqrt{2}}}{2}$

15. positive

17. negative

19-24 work is the answer

25.  $\sin \alpha = \frac{\sqrt{5}}{5}$        $\csc \alpha = \sqrt{5}$

$\cos \alpha = \frac{2\sqrt{5}}{5}$        $\sec \alpha = \frac{\sqrt{5}}{2}$

$\tan \alpha = \frac{1}{2}$        $\cot \alpha = 2$

27.  $-\frac{24}{25}$