

1. $x = 13.12$

2. $x = 20.53$

3. $x = 57.85^\circ$

4. $\cot K = \frac{56}{33}$

$\sin K = \frac{33}{65}$

$\sec K = \frac{65}{56}$

$\csc K = \frac{65}{33}$

$\cos K = \frac{56}{65}$

$\tan K = \frac{33}{56}$

5. $\sec A = \frac{85}{77}$

$\cot A = \frac{77}{36}$

$\csc A = \frac{85}{36}$