

1. $207.72^\circ, 332.28^\circ$

2. $\frac{48}{73}$

3. $-\frac{5}{6}, \frac{3}{6}, \frac{3}{2}$

4. a) -1
b) $-\frac{336}{625}$

5. a) $-\frac{1}{6}$

b) $\frac{1}{4}$

6. $\frac{1}{\sqrt{x^2 + 1}}$

7. $\sin \cos + \cos \sin =$

$(0)\cos + (-1)\sin =$

$-\sin = -\sin$

8. $= 108^\circ 6' \quad b = 7.5 \quad c = 4.2$

9. 94.4 miles