

Homework Answers 6.1

1. $\frac{3}{5}, \frac{4}{3}$

2. $\frac{12}{13}, \frac{12}{5}$

3. $\frac{\sqrt{2}}{2}, \frac{\sqrt{2}}{2}$

4. $\frac{\sqrt{3}}{2}, \frac{\sqrt{3}}{3}$

5. $\frac{40}{41}, \frac{40}{9}$

6. $\frac{\sqrt{3}}{2}, \frac{1}{2}$

7. $\angle A = 27.98^\circ$ $\angle B = 62.02^\circ$ $c = 36.24$

8. $\angle A = 48^\circ$ $a = 34.93$ $b = 31.45$

9. $\angle B = 74.8^\circ$ $a = 10.05$ $c = 38.34$

10. $\angle A = 26.37^\circ$ $\angle B = 63.63^\circ$ $b = 48.20$