

Math 1613 - Trigonometry
Quiz #4 - 2009.09.10
Solutions

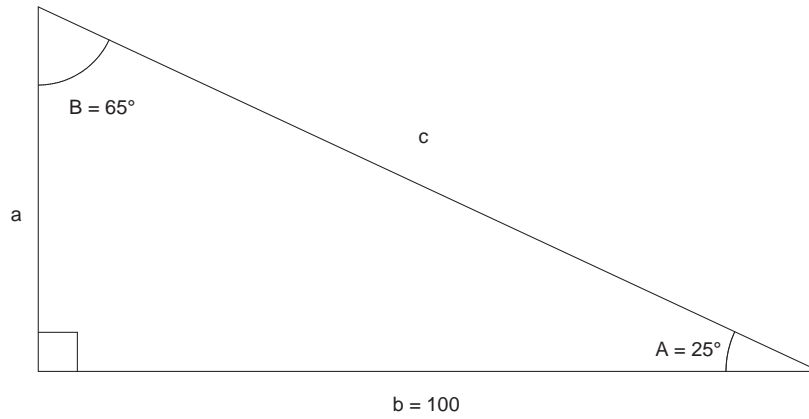


FIGURE 1

From figure 1 above, determine if the following statements are true or false.

1. $\sin(25^\circ) = \frac{a}{c}$

True

2. $a = 100 \tan(25^\circ)$

True

3. $\sin(25^\circ) = \cos(65^\circ)$

True

4. $\cot(25^\circ) = \frac{a}{100}$

True

5. $\cos(25^\circ) = \frac{100}{c}$

True