**Test Review Trig Unit 4 - ANSWERS**

I: 1. 0 2. 2 3. 0 4. 1 5. 1

II: 1. sines 2. cosines 3. sines

4. cosines 5. cosines

III: 1. B=46°36’ , C=95°24’ , c=278.1

or B=133°24’, C=8°36’, c=41.8

2. a=7.8, B=44°13’ , C=84°47’

3. B=71°4’, C=50°56’, c=23.8

or B=108°56’, C=13°4’, c=6.9

4. A=34°3’, B=44°25’, C=101°32’

IV: 1. 14.7 units2 2. 8.7 units2

3. 9.8 units2 4. 29.6 units2

V: 1. 267.7 ft

 2. 46.9 ft

 3. A = 34˚ a = 11.2 b = 16.6