Name: _____ Quiz Score: _____ /20

Quiz 1: Version A

NO CALCULATORS. Show your reasoning. Use standard notation correctly.

1. Consider the right triangle pictured. *Figure is not drawn to scale.*

   (a) Find b. *Give an exact value, simplified.*

   (b) Evaluate each of the following. *Give exact values, simplified. You need not rationalize denominators.*
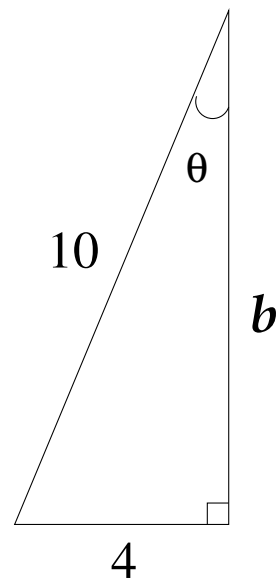
        i. $\sin\theta =$

        ii. $\cos\theta =$

        iii. $\tan\theta =$

        iv. $\sec\theta =$

        v. $\csc\theta =$

        vi. $\cot\theta =$

θ

10

b

4

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Name: _____   Quiz Score: _____ /20

Quiz 1: Version B

NO CALCULATORS. Show your reasoning. Use standard notation correctly.

1. Consider the right triangle pictured. *Figure is not drawn to scale.*

   (a) Find b. *Give an exact value, simplified.*

   (b) Evaluate each of the following. *Give exact values, simplified. You need not rationalize denominators.*

       i. $\sin\theta =$

       ii. $\cos\theta =$

       iii. $\tan\theta =$

       iv. $\sec\theta =$

       v. $\csc\theta =$

       vi. $\cot\theta =$

10

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b

5

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