Two Truths and One Lie: Winter Edition

Directions: (**Answer Key**)

Solve the three equations. Determine which two are true and which one is a lie. Explain your answer to a partner or group by drawing on information from the equations.

 = 4   = 5   = 2

A.

B.

C.

1. Which equations are true? ___**A & C**___ How do you know? **A is true because the**

answer is 8 on both sides of the equation (4 x 2 = 2 x 4). I know that C is true because 2 x 5 = 10 and

10 x 4 = 40. That has the same answer as the other side of the equation: 5 x 4 = 20 and 20 x 2 = 40.

2. Which equation is a lie? ___**B**___ How do you know? **I know that B is a lie**

because 4 x 2 = 8, but 5 x 2 = 10. The two equations do not have the same answer.

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