

PRISM Solutions

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The following are my solutions to the questions set for the PRISM competition. These are not endorsed by anyone else, and all errors are my own. You should note that some solutions contain extra bits of information that might give you further insight to the problems and their solutions.

1 Problem 1

Which of the following is not equal to four?

A. $2 + 2$ B. $8^{\frac{2}{3}}$ C. $(\frac{1}{4})^{-1}$ D. The number of sides of a quadrilateral E. The number of legs on a three-legged dog