Algebra lesson 13 quiz answers

Monday, December 16, 2013 9:14 PM

Solve the following simultaneous equations by elimination: 1) 2x + y = 10 $2x + 2y = 15 \quad _ \bigcirc$ () - () : y=5 Sub y=5 into D 1 2x+5=10 2x=5 2=5 2) 3x + 2y = 104x + 3y = 16 $3 \times 7 + 2y = 10$ 6 + 2y = 10 2y = 10 - 6 2y = 4 y = 4 = 7() × 3: 9x+6y= 30 $3 \times 2^{1} 8 \times 16 = 32$ D-D: x=2 sub x=2 into D: -3) 2x + 5y + 6 = 02x = 3y - 10realizinge @: 27 - 3y + 10 = 0 0 - @: 8y - 4 = 0 8y = 4 $y = \frac{4}{8} = \frac{1}{2}$ suby= { into 3 2x= 3x = -10 22=-8.5 $I_{I} = \frac{-8.5}{2} = -4.25$

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