

Three-Variables Linear Equations ($ax+by+cz=d$)

Name: _____

Date: _____ Score: _____

1. $1x - 3y + 4z = 10$
 $4x - 1y - 2z = 8$
 $5x + 6y - 2z = 26$

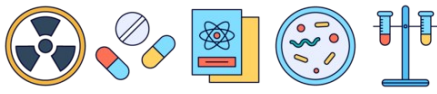
2. $3x - 6y - 4z = -29$
 $2x - 2y - 6z = -14$
 $6x + 4y - 4z = 46$

3. $4x - 1y - 3z = 7$
 $2x + 2y - 6z = -18$
 $4x - 4y + 2z = 30$

4. $1x + 2y - 2z = 10$
 $2x - 3y + 2z = -11$
 $4x - 1y + 5z = 16$

5. $3x + 6y - 3z = 21$
 $2x - 2y + 6z = 32$
 $4x - 5y - 6z = 9$

6. $1x - 5y + 1z = -6$
 $6x + 6y - 3z = 9$
 $1x - 3y - 3z = -14$



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1. $1x - 3y + 4z = 10$
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$x = 4$
 $y = 2$
 $z = 3$

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 $2x - 2y - 6z = -14$
 $6x + 4y - 4z = 46$

$x = 5$
 $y = 6$
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3. $4x - 1y - 3z = 7$
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 $2x - 3y + 2z = -11$
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$x = 2$
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5. $3x + 6y - 3z = 21$
 $2x - 2y + 6z = 32$
 $4x - 5y - 6z = 9$

$x = 8$
 $y = 1$
 $z = 3$

6. $1x - 5y + 1z = -6$
 $6x + 6y - 3z = 9$
 $1x - 3y - 3z = -14$

$x = 1$
 $y = 2$
 $z = 3$