Forms of Equations – Worksheet #3

Write each equation in STANDARD FORM! \((Ax + By = C)\)

1) \(\frac{3}{4}x - \frac{2}{3}y = -2\)

2) \(-3y - 0.4 = 0.1x\)

3) \(y = \frac{2}{5}x - 3\)

4) \(1.2x + 20 = 7y\)

Write each equation in SLOPE-INTERCEPT FORM! \((y = mx + b)\)

5) \(8y - 4x = 24\)

6) \(5x = 2y - 20\)

7) \(2y + 12 = 3x\)

8) \(16 - 10x = 8y\)
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9) $6x - \frac{1}{2}y = -1$  
11) $4y = 2.4 + 12x$

10) $4x - 3y = 15$  
12) $3y - 5x = 11$

Make a T-table for each equation. Then find the slope shown in that T-table.

13) $y = 2x + 3$  
15) $y = -3x + 1$

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<thead>
<tr>
<th>$x$</th>
<th>$y$</th>
<th>$m$ = ____</th>
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<tbody>
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14) $y = 5x - 4$  
16) $y = -4x - 2$

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