Forms of Equations – Worksheet #1

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

1) \(2x + 5 = -3y\)  
2) \(-9 - 2y + 2x = 0\)
3) \(7x + 0.4y = -1\)
4) \(8 - x = 2y\)
5) \(-2y + \frac{1}{3}x = -10\)
6) \(0.5y - 0.9 = 0.02x\)
7) \(\frac{1}{3}x - 3 = \frac{1}{2}y\)
8) \(-7y - 3x = -12\)
9) Which of the following is written in standard form?

A. $8x + 7 = 9y$
B. $-2x - 3y = 20$
C. $8.4x = 4y - 11$
D. $5 = 2x - 3y$

10) Which of the following is written in standard form?

A. $4.3x + 5y = -1$
B. $\frac{1}{3}y + x = \frac{2}{5}$
C. $x + y - 8 = 0$
D. $-4 + 1.5x = y$

11) Make a T-table of at least 3 ordered pairs for the following equation.

$4x + 3y = -18$

12) Make a T-table of at least 3 ordered pairs for the following equation.

$-6x + 2y = 10$

<table>
<thead>
<tr>
<th>x</th>
<th>y</th>
<th>Work Area</th>
<th>x</th>
<th>y</th>
</tr>
</thead>
</table>