STANDARD FORM WKSH

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MOD\_\_\_\_\_\_\_\_\_\_

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| STANDARD FORM---- X, Y AND A # (the form it needs to be in) |

Write the equation in standard form with integer coefficients

\*\*\*REMEMBER: Distribute bottom of fraction through the problem

 Pull out the “x” (if its negative- pulls out to positive)

 ( if its positive- pulls out to negative)

1. y = 3x + 5 2. y = -2 x + 4 3. y = 1/3 x + 3

Solve these problems on the back of the paper.

\*\*REMEMBER: In 4-6, Find point-slope first ***y - y1 = m (x –x1)***

 Distribute the bottom of fraction through problem

 Pull out the “x” (if its negative-pulls out positive)

 (if its positive-pulls out negative)

4. Write in standard form of line passing through (1,-5) and slope (m) –3.

5. Write in standard form of line passing through (2, 4) and slope (m) – 5.

6. Write in standard form of line passing through (-4, 8) and slope (m) 2.

\*\*REMEMBER: In 7-10, Find the slope first ***m= y2 - y1***

 ***x2 - x1***

 Distribute the bottom of fraction thru problem

 Pull out the “x” (if its negative-pulls out positive)

 (if its positive-pulls out negative)

7. A line intersects (2,6) and (1,7). Write in standard form.

8. A line intersects (3,1) and (7,8). Write in standard form.

9. A line intersects (4,8) and (5,9). Write in standard form.

10. A line intersects (3,1) and (4, 5). Write in standard form.