Example:

Find the x and y intercepts for $2x-y=2$. Then graph the equation verifying your answer.

Solution:

\[
2x-y = 2 \\
2*0 - y = 2 \\
y = -2 \quad \text{y-intercept} = (0,-2) \\
2x-0 = 2 \\
x = 1 \quad \text{x-intercept} = (1,0)
\]

1. $x-y = 4$
2. $3x-y = 6$
3. $2x+5y = 10$
4. $4x-3y = 9$
5. $6x+5y = 9$
6. $y = 3x+12$
7. $y = 2x-3$
8. $y = \frac{1}{2}x + 4$
9. $y = \frac{3}{2}x - 2$
10. $y = \frac{4}{5}x + 3$