

STRAIGHT LINE GRAPHS.

Complete in GRAPH books.

LABEL EACH AXIS AND EACH GRAPH.

- 1) Using axes: x from -4 to $+6$, y from -3 to $+3$, plot the following graphs on the same axes:
a) $x = 6$, b) $x = 4$, c) $x = 2$, d) $x = 0$, e) $x = -2$, f) $x = -4$.
- 2) Using axes: x from -3 to $+3$, y from -4 to $+6$, plot the following graphs on the same axes:
a) $y = 6$, b) $y = 4$, c) $y = 2$, d) $y = 0$, e) $y = -2$, f) $y = -4$.
- 3) Using axes: x from -3 to $+3$, y from -3 to $+9$, plot the following graphs on the same axes:
a) $y = x$, b) $y = x + 2$, c) $y = x + 4$, d) $y = x + 6$.
- 4) Using axes: x from -3 to $+6$, y from -9 to $+6$, plot the following graphs on the same axes:
a) $y = x$, b) $y = x - 2$, c) $y = x - 4$, d) $y = x - 6$.
- 5) Using axes: x from -3 to $+3$, y from -6 to $+9$, plot the following graphs on the same axes:
a) $y = 2x$, b) $y = 2x + 1$, c) $y = 2x + 2$, d) $y = 2x + 3$.
- 6) Using axes: x from -3 to $+3$, y from -9 to $+6$, plot the following graphs on the same axes:
a) $y = 2x$, b) $y = 2x - 1$, c) $y = 2x - 2$, d) $y = 2x - 3$.
- 7) Using axes: x from -1 to $+5$, y from -4 to $+20$, plot the following graphs on the same axes:
a) $y = 3x$, b) $y = 3x + 2$, c) $y = 3x + 4$, d) $y = 3x - 1$.
- 8) Using axes: x from -3 to $+6$, y from -9 to $+9$, plot the following graphs on the same axes:
a) $x + y = 6$, b) $x + y = 3$, c) $x + y = 0$, d) $x + y = -3$.
- 9) Using axes: x from -4 to $+8$, y from -12 to $+12$, plot the following graphs on the same axes:
a) $y = 8 - x$, b) $y = 4 - x$, c) $y = -x$, d) $y = -4 - x$.
- 10) Using axes: x from 0 to $+4$, y from -8 to $+8$, plot the following graphs on the same axes:
a) $y = 8 - x$, b) $y = 8 - 2x$, c) $y = 8 - 4x$.