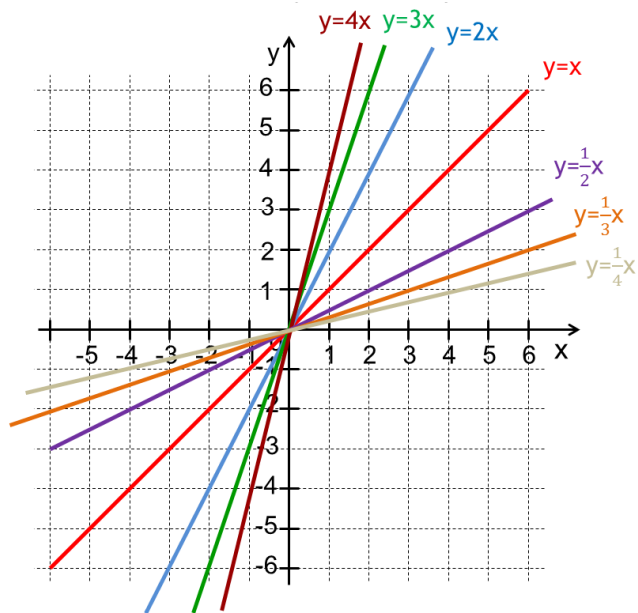
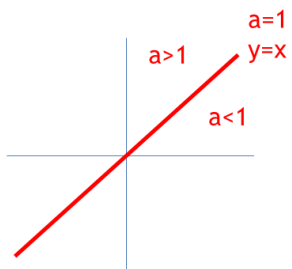


Sestrojování grafu lineární funkce bez použití tabulky

Směr grafu

$$y = ax + b$$

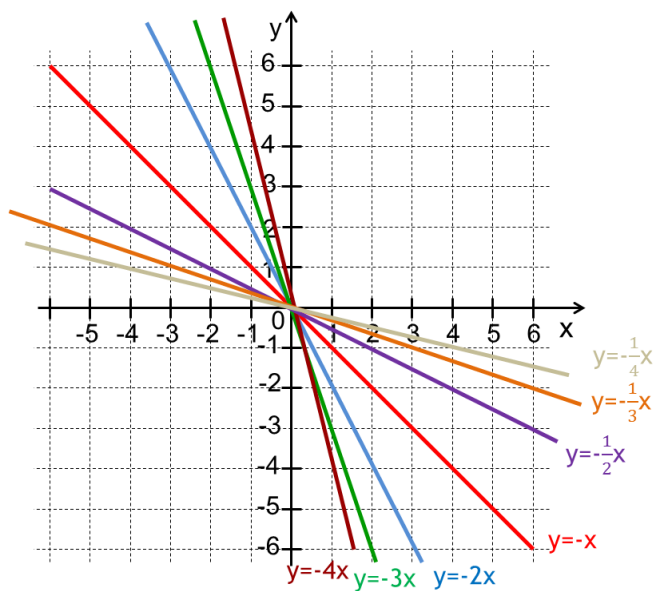
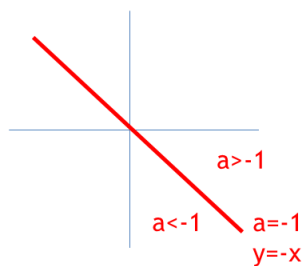
$$a > 0$$



Směr grafu

$$y = ax + b$$

$$a < 0$$



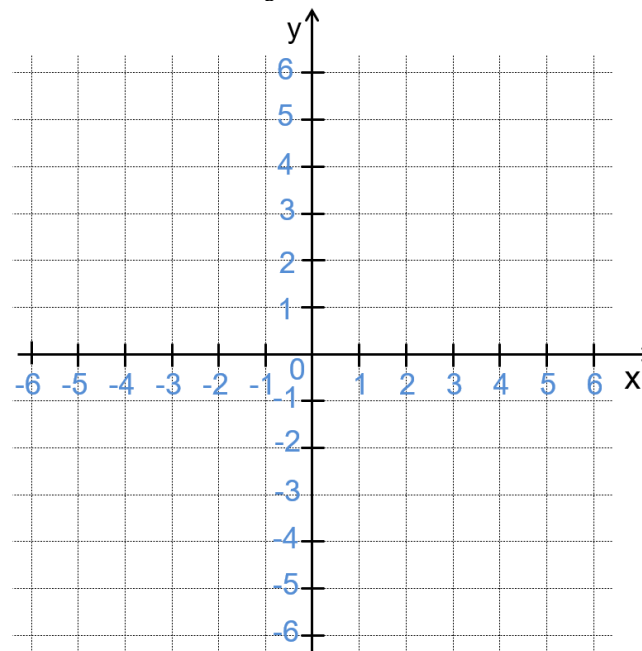
13) Sestrojte grafy funkcí bez použití tabulky:

a) $y = 2x$

b) $y = -\frac{1}{3}x$

c) $y = 0$

d) $y = -x$

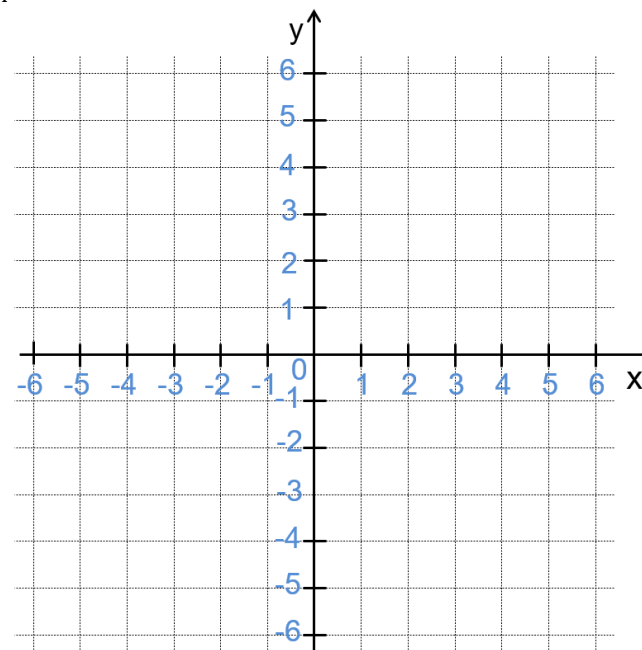


e) $y = \frac{1}{4}x$

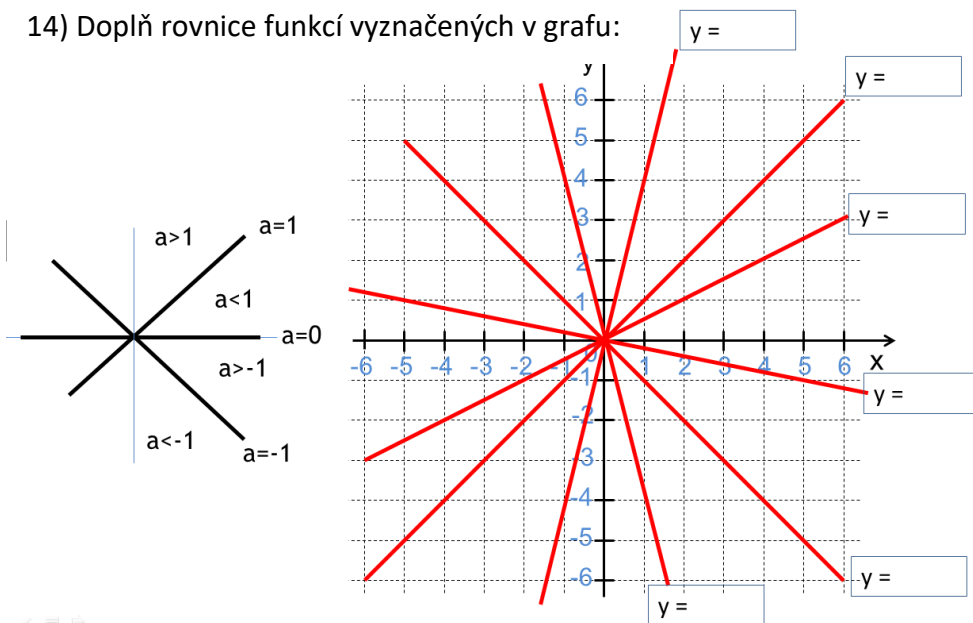
f) $y = x$

g) $y = -3x$

h) $y = \frac{2}{3}x$



14) Doplň rovnice funkcí vyznačených v grafu:



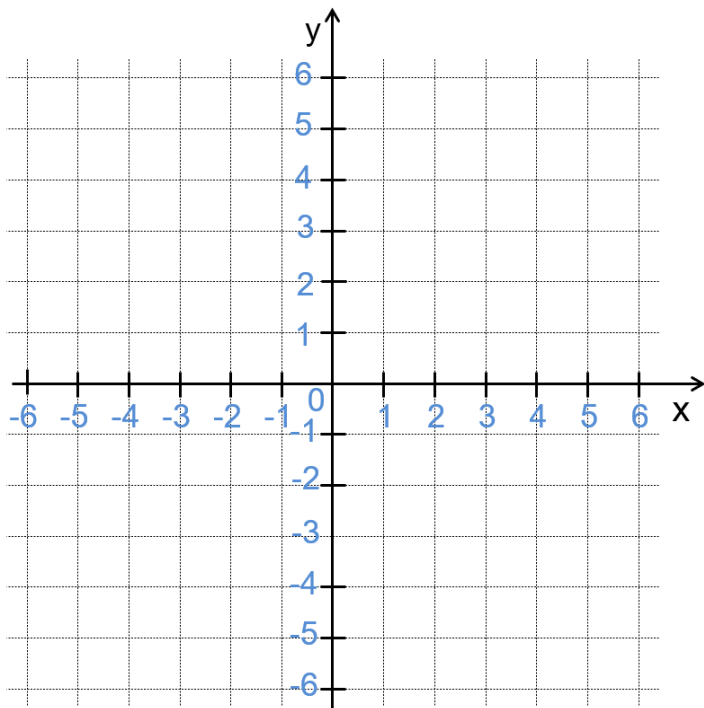
15) Sestroj grafy funkcí:

a) $y = \frac{2}{3}x$

b) $y = -\frac{1}{4}x$

c) $y = \frac{3}{2}x$

d) $y = -\frac{4}{3}x$

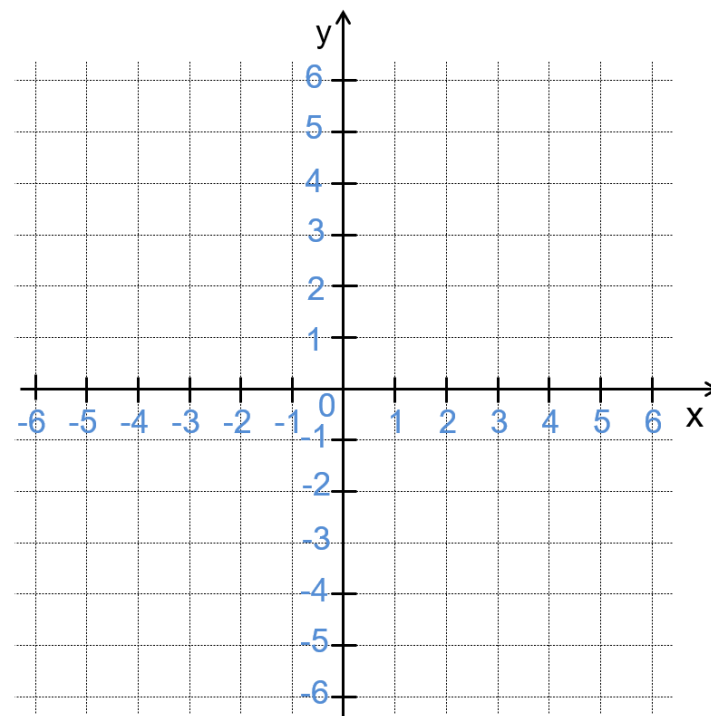


e) $y = \frac{3}{4}x$

f) $y = -\frac{2}{3}x$

g) $y = \frac{1}{5}x$

h) $y = \frac{5}{2}x$



Posunutí grafu

$y = ax + b$

$b \neq 0$

