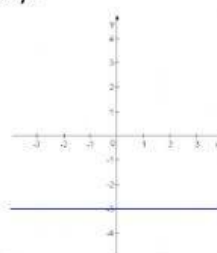
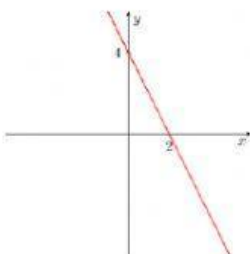
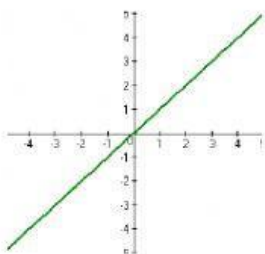


1. Vyber z nabídky pro grafy funkcí jejich obecné rovnice a jejich názvy:

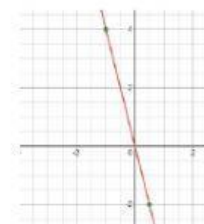
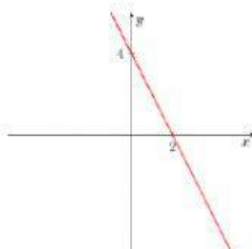
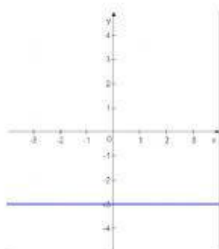








2. Pro daný graf vyber její konkrétní rovnici a určete monotonii funkce:









3. Určete monotonii a průsečíky zadané lineární funkce s osami:

•  $y = x + 1$    $P_x = [ \quad ; \quad ]$   $P_y = [ \quad ; \quad ]$

•  $y = -2x + 6$    $P_x = [ \quad ; \quad ]$   $P_y = [ \quad ; \quad ]$

•  $y = 2x + 4$    $P_x = [ \quad ; \quad ]$   $P_y = [ \quad ; \quad ]$

•  $y = 3x - 6$    $P_x = [ \quad ; \quad ]$   $P_y = [ \quad ; \quad ]$

4. Určete, zda bod  $A[-1; 4]$  ;  $B[3; -10]$  leží na grafu funkce  $y = -3x + 1$  : (A/N)

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