

Inverse Function Activity

Match the function with its Inverse.

① $f(x) = 2x + 3$ ① $f^{-1}(x) = \frac{x+3}{-2}$

② $f(x) = 3x + 2$ ② $f^{-1}(x) = \frac{x-3}{2}$

③ $f(x) = -2x - 3$ ③ $f^{-1}(x) = \frac{y}{3} + \frac{1}{6}$

④ $f(x) = \frac{1}{3}x + 2$ ④ $f^{-1}(x) = 3x - 6$

⑤ $f(x) = 3x + \frac{1}{2}$ ⑤ $f^{-1}(x) = \frac{x-2}{3}$