14. Given that $\frac{3x + y}{x - 3y} = -1$, what is the value of $\frac{x + 3y}{3x - y}$?

A -1 B 2 C 4 D 5 E 7

---

14. E Rearranging the equation $\frac{3x + y}{x - 3y} = -1$ gives $3x + y = -x + 3y$. So $4x = 2y$ and therefore $y = 2x$. Hence $\frac{x + 3y}{3x - y} = \frac{x + 3 \times 2x}{3x - 2x} = \frac{7x}{x} = 7$.