# Do Now

Mr. Colby is thinking of a number. Twelve less than one fourth of the number is 13.
Write and solve an algebraic equation to find the number.

$x = 132$

$\frac{x}{3} = 88$

$\frac{x}{4} = 10$

$x = 50$

$x = 15$

$x + 9 = 6$

$x - 9 = 11$

$x = 264$

$x = 17$

$70 = x - 20$

$2x = 56$

$x = -3$

$x = 40$

$x - 3 = 19$

$\frac{1}{12}x = 4$

$x = 65$

$x = 20$

$108 = 9x$

$18 = 3x$

$x = 22$

$x = 28$

$x + 19 = 74$

$25 = x + 18$

$x = 12$

$x = 48$

$110 = x + 33$

$\frac{x}{11} = 11$

$x = 99$

$x = 9$

$3x = 54$

$x - 12 = 27$

$x = 77$

$x = 7$

$90 = x + 34$

$34 = 17x$

$x = 18$

$x = -121$

$\frac{x}{3} - 2 = 88$

$\frac{x}{4} = -10$

$x = -50$

$x = 15$

$x + 9 = -6$

$x - 9 = 11$

$x = 270$

$x = 17$

$-80 = 2x - 20$

$2x = 56$

$x = -15$

$x = -40$

$5x - 3 = 17$

$\frac{2 - x}{12} = -4$

$x = -59$

$x = 20$

$32 = 9x - 58$

$18 = -3x$

$x = 4$

$x = 28$

$x + 74 = 19$

$25 = 7x + 18$

$x = 10$

$x = 50$

$110 = x + 33$

$\frac{x}{-11} = -11$

$x = 59$

$x = -6$

$7 + 3x = 22$

$7x - 28 = 133$

$x = 77$

$x = 1$

$90 = 2x + 40$

$34 = 17x$

$x = 5$