



# What Should You Do if Someone Rolls Their Eyes at You?

Solve each equation for the value of  $x$ , and find it at the bottom. Simplify if needed.

(L)  $\frac{x+4}{-3} = 6$

(E)  $\frac{3x+9}{3} = -5$

(A)  $\frac{2x-7}{-2} = -3$

(O)  $\frac{4x-2}{3} = \frac{1}{2}$

(K)  $\frac{x}{2} + \frac{1}{4} = -\frac{1}{6}$

(H)  $\frac{x}{-3} - \frac{2}{3} = \frac{1}{4}$

(M)  $\frac{3}{4}x + \frac{5}{8} = \frac{3}{2}$

(R)  $\frac{-x}{5} - (-2) = \frac{3}{5}$

(C)  $\frac{2}{3}(x+6) = 8$

(B)  $\frac{1}{4}(2x-3) = 2$

(T)  $-\frac{3}{4}(x-6) = -3$

(L)  $\frac{1}{3}\left(2x - \frac{1}{2}\right) = \frac{3}{4}$

7	$\frac{7}{8}$	$\frac{11}{8}$	-22	$\frac{1}{4}$	10	$-\frac{11}{4}$	-8	$\frac{7}{6}$	$-\frac{11}{8}$	$\frac{11}{2}$	$\frac{13}{2}$	6	$-\frac{5}{6}$

# What Do Clouds Wear Under Their Shorts?



For each system of equations, find the solution that satisfies both equations.

1	$y = 2x + 3$ $y = -3x - 2$	2	$y = 4x - 5$ $y = x - 2$	3	$y = -3x - 3$ $y = -x - 3$	4	$y = x - 12$ $y = 4x$			
(A)(-2,-1)	(D)(-1,1)	(T)(1,-5)	(N)(2,3)	(S)(-2,-4)	(E)(1,-1)	(O)(1,-4)	(I)(1,-6)	(E)(6,-6)	(A)(-4,-16)	(T)(3,12)

5	$y = -\frac{3}{5}x + \frac{4}{5}$ $y = -\frac{1}{2}x + \frac{3}{2}$	6	$y = -\frac{3}{2}x + 4$ $y = x + 9$	7	$y = \frac{3}{7}x - \frac{2}{7}$ $y = \frac{2}{3}x - 1$	8	$y = x + 2$ $y = -x + 3$				
(N)(-7,5)	(R)(3,-1)	(M)(5,-1)	(A)(-4,5)	(P)(2,1)	(U)(-2,7)	(B)(-3,-3)	(P)(3,1)	(R)(10,4)	(G)(3,5)	(T)(\frac{1}{2}, \frac{5}{2})	(A)(-2,0)

9	$y = 2x + 6$ $y = -2x + 8$	10	$y = \frac{1}{2}x + 3$ $y = x + 3$	11	$y = -4x + 1$ $y = -3x + 6$	12	$y = \frac{1}{2}x + 3$ $y = -2x + 8$				
(R)(\frac{1}{2}, 7)	(C)(-4,-2)	(E)(-2,12)	(O)(1,4)	(H)(0,3)	(M)(2,2)	(S)(-1,5)	(C)(3,-3)	(N)(-5,21)	(E)(0,-1)	(I)(-4,1)	(T)(2,4)

8	10	6	11	1	2	9	7	4	5	12	3