

NAME: \_\_\_\_\_

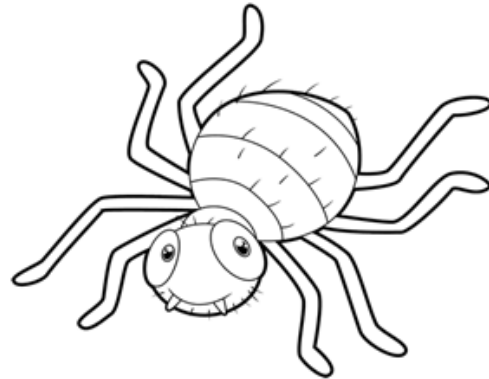
## SOLVING EQUATIONS

Directions: Solve each equation and check your answers.



$-2(4a + 5) - 8 = 38$	$a = -7$
$\frac{a(b + 3)}{2} + 4 = -3$	$b = -3 - 14/a$
$b(8c - 9) + 12 = -27$	$c = \frac{9}{8} - \frac{39}{8b}$
$\frac{-4(c + 2d)}{-8} + 3 = 10$	$d = -\frac{c}{2} + 7$
$-5(2e - 3d) + 1 = 91$	$e = \frac{3}{2}b - 9$

$5(3f - 0.5) - 1.6 = -56.6$	$f = -3.5$
$\frac{-4(g + 3.2)}{10} + f = -5.5$	$g = 10.55 + \frac{5f}{2}$
$7(5h - 0.4) - g = 128.4$	$h = 3.74857142 + \frac{g}{35}$
$\frac{6(4i + h)}{-2} + 7.2 = -3$	$i = -\frac{h}{4} + 0.85$
$-(8j - i) + 10.4 = -35.3$	$j = \frac{i}{8} + 5.7125$



$-8\left(2k + \frac{3}{4}\right) + 5 = -121$	$k = 7.5$
$\frac{\frac{1}{2}(8k + l)}{6} = 4\frac{2}{3}$	$l = 56 - 8a$
$\frac{1}{5}(4m + l) - \frac{1}{2} = -5\frac{1}{2}$	$m = -\frac{b}{4} - \frac{25}{4}$
$\frac{10(n - m)}{1/2} + 1\frac{1}{2} = 109$	$n = m + \frac{43}{8}$
$n(10p - 16) + 3\frac{1}{2} = \frac{1}{2}$	$p = \frac{8}{5} - \frac{3}{10a}$

How Did You Do? 😊 😐 ☹️