Solving Multi Step Equations

Solve equation. Cut out the answer and paste it in the correct multi-step equation.

$\dfrac{2a-1}{3} + 2(a+5) = 7 - 6a$	$-8(3a-4) = -32$	$\dfrac{3}{2(a-1)} = \dfrac{1}{3(2-a)}$
$\dfrac{2}{3}(4a+1) - \dfrac{1}{4} = \dfrac{5}{12}$	$\dfrac{a}{6} - \dfrac{5}{7} = \dfrac{1}{7} - \dfrac{1}{2}a$	$\dfrac{5}{9} + 3a + \dfrac{5}{6}a + 2 = 0$
$7(a+6) + 7 = 3 - 2(2a-1)$	$\dfrac{4 - 5a + 3(2+5a)}{10} = 11 - a$	$9(3a+4) = -45$

$a = 5$	$a = 0$	$a = 2\dfrac{2}{3}$
$a = -\dfrac{2}{3}$	$a = -\dfrac{4}{13}$	$a = -4$
$a = 1\dfrac{9}{11}$	$a = -3$	$a = 1\dfrac{2}{7}$

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Answer key

Solve equation. Cut out the answer and paste it in the correct multi-step equation.

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$\dfrac{2}{3}(4a+1) - \dfrac{1}{4} = \dfrac{5}{12}$	$\dfrac{a}{6} - \dfrac{5}{7} = \dfrac{1}{7} - \dfrac{1}{2}a$	$\dfrac{5}{9} + 3a + \dfrac{5}{6}a + 2 = 0$
$a = 0$	$a = 1\dfrac{2}{7}$	$a = -\dfrac{2}{3}$
$7(a+6) + 7 = 3 - 2(2a-1)$	$\dfrac{4 - 5a + 3(2 + 5a)}{10} = 11 - a$	$9(3a+4) = -45$
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