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Math worksheet on *'Linear Equation - One Variable, Four Terms (Level 2)'*. Part of a broader unit on *'Algebra Manipulating Variables - Advanced'*
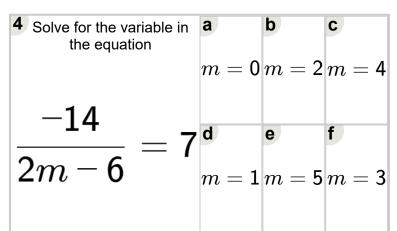
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app.mobius.academy/math/units/algebra_manipulating_variables_advanced/

1 Solve for the variable in the equation

$$\frac{55}{5c - 4} = 5$$

a	b	c
$c = 3$	$c = 5$	$c = 2$
d	**e**	**f**
$c = 6$	$c = 1$	$c = 4$

2 Solve for the variable in the equation

$$\frac{9d + 9}{5d} = 2$$

a	b	c
$d = 8$	$d = 10$	$d = 12$
d	**e**	**f**
$d = 11$	$d = 7$	$d = 9$

3 Solve for the variable in the equation

$$\frac{135}{7d - 6} = 9$$

a	b	c
$d = 6$	$d = 1$	$d = 3$
d	**e**	**f**
$d = 5$	$d = 4$	$d = 2$

4 Solve for the variable in the equation

$$\frac{-14}{2m - 6} = 7$$

a	b	c
$m = 0$	$m = 2$	$m = 4$
d	**e**	**f**
$m = 1$	$m = 5$	$m = 3$

5 Solve for the variable in the equation

$$\frac{105}{6c + 3} = 7$$

a	b	c
$c = 3$	$c = 2$	$c = 5$
d	**e**	**f**
$c = 1$	$c = 4$	$c = 0$

6 Solve for the variable in the equation

$$\frac{48}{3d - 8} = 3$$

a	b	c
$d = 9$	$d = 7$	$d = 6$
d	**e**	**f**
$d = 10$	$d = 8$	$d = 11$

7 Solve for the variable in the equation

$$\frac{45}{2m - 7} = 9$$

a	b	c
$m = 6$	$m = 7$	$m = 9$
d	**e**	**f**
$m = 5$	$m = 8$	$m = 4$