mobius

Math worksheet on *'Linear Equation - One Variable, Four Terms (Level 2)'*. Part of a broader unit on *'Algebra Manipulating Variables - Intro'*
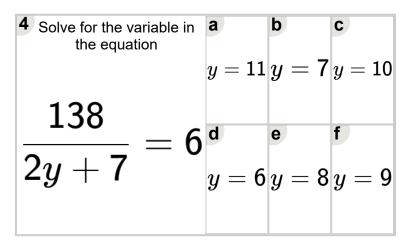
Learn online:

app.mobius.academy/math/units/algebra_manipulating_variables_intro/

1 Solve for the variable in the equation

$$\frac{40}{2x + 6} = 4$$

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

2 Solve for the variable in the equation

$$\frac{136}{8r + 4} = 2$$

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

3 Solve for the variable in the equation

$$\frac{105}{8r - 3} = 5$$

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

4 Solve for the variable in the equation

$$\frac{138}{2y + 7} = 6$$

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

5 Solve for the variable in the equation

$$\frac{126}{8m - 2} = 9$$

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

6 Solve for the variable in the equation

$$\frac{92}{2z + 5} = 4$$

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

7 Solve for the variable in the equation

$$\frac{60}{4m + 8} = 3$$

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