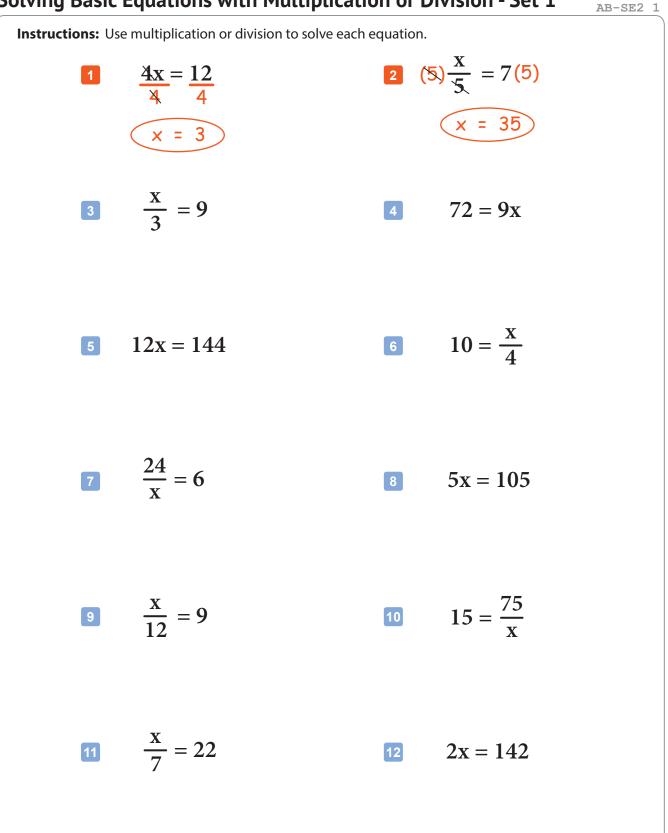
Mame:
 Date:

 Worksheets
 Date:

 Solving Basic Equations with Multiplication or Division - Set 1

 Instructions: Use multiplication or division to solve each equation.



math Antics Name: Date: Worksheets Solving Basic Equations with Multiplication or Division - Set 2 AB-SE2 2 Instructions: Use multiplication or division to solve each equation. 2 (x)12 =  $\frac{48}{x}$  (x)  $\frac{40}{8} = \frac{8x}{8}$ 1  $\frac{12x}{12} = \frac{48}{12}$ 5 = xor x = 5(x = 4) $\frac{X}{8} = 8$ 11x = 664  $\frac{32}{x} = 4$  $\frac{x}{3} = 24$  $\frac{x}{4} = 14$ 6x = 787

9  $7 = \frac{84}{x}$  10 65 = 5x

3x = 135

11

12  $3 = \frac{x}{20}$ 



Date:

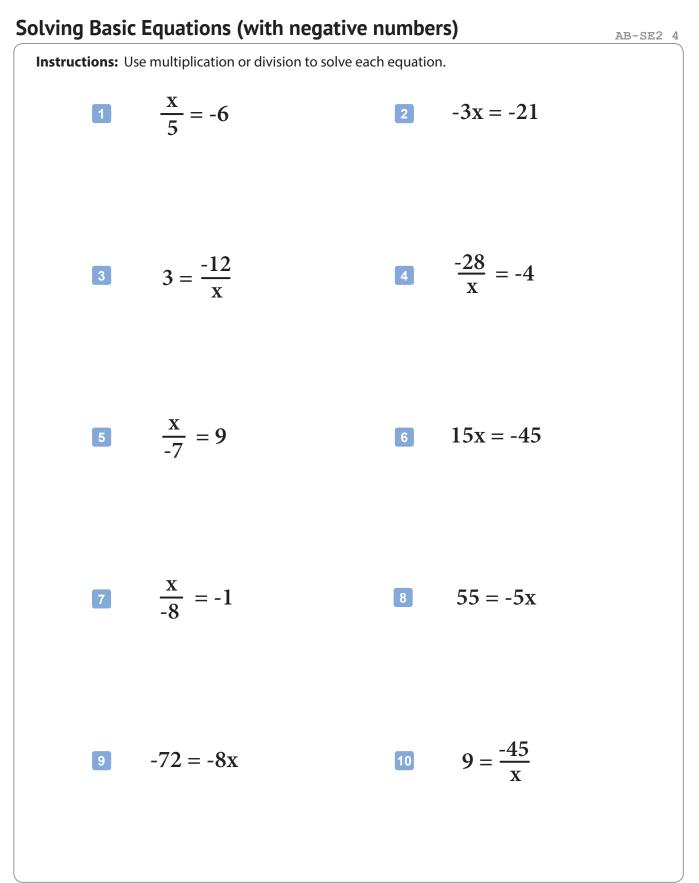
AB-SE2 3

## Solving Basic Equations (with decimals)

Instructions: Use multiplication or division to solve each equation. You can use a calculator to do the decimal arithmetic if you'd like to.  $\frac{x}{2} = 1.6$ 5.0 = 2.5x1  $1.5 = \frac{0.5}{x}$ 3 0.1x = 2.44  $\frac{3.5}{x} = 2.5$  $\frac{5}{2.1} = 1.6$  $\frac{x}{3} = 6.4$ 0.2x = 0.78 9  $8 = \frac{8.4}{x}$ 10 2.25 = 0.75x



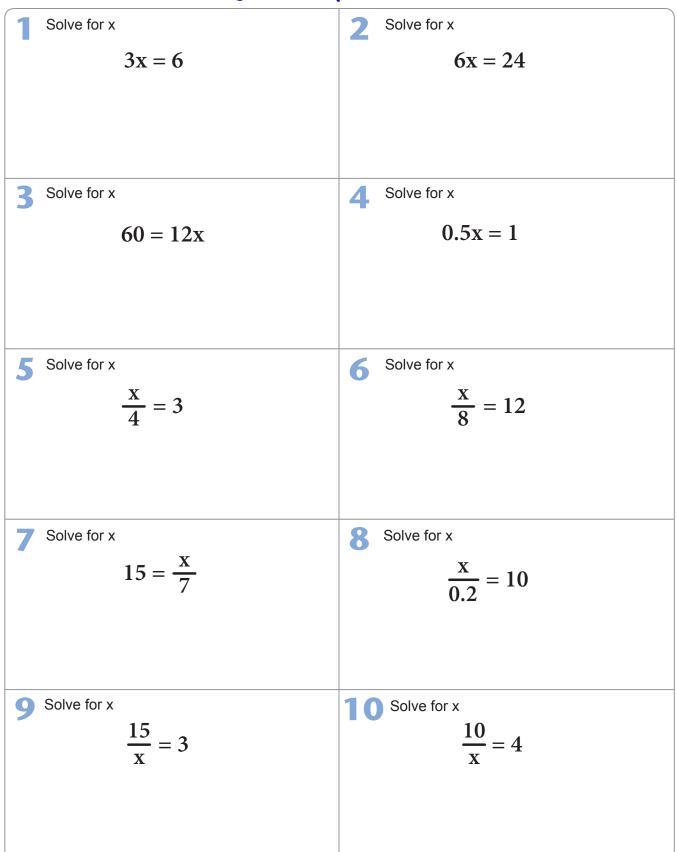
Date:



Date:

math Antics<sup>®</sup> Exercises

Solving Basic Equations - Part 2



Math Antics<sup>®</sup> Worksheets

Name:

Date:

Solving Basic Equations with Multiplicati	on or Division - Set 1
Instructions: Use multiplication or division to solve each	equation.
$\frac{4x}{4} = \frac{12}{4}$ $x = 3$	2 $(5)\frac{x}{5} = 7(5)$ x = 35
3 (3) $\frac{x}{3} = 9(3)$ (3) $\frac{x}{3} = 27$	4 $\frac{72}{9} = \frac{9x}{8}$ 8 = x or x = 8
$5  \frac{12x}{12} = \frac{144}{12}$ $x = 12$	6 (4)10 = $\frac{x}{4}$ (4) 40 = x or x = 40
7 (x) $\frac{24}{x} = 6(x)$ $\frac{24}{6} = \frac{6x}{6}$ 4 = x or $x = 4$	$5x = \frac{105}{5}$ $x = 21$
9 (12) $\frac{x}{12} = 9(12)$ x = 108	10 (x) $15 = \frac{75}{x}$ (x) $\frac{15x}{15} = \frac{75}{15}$ (x = 5)
11 $(X) \frac{X}{X} = 22(7)$ (X) = 154	$\frac{2x}{2} = \frac{142}{2}$ $x = 71$

Math Antics<sup>®</sup> Worksheets

Name:

Date:

## Solving Basic Equations with Multiplication or Division - Set 2

AB-SE2 2

Instructions: Use multiplication or division to solve each	equation
$\underline{40} = \underbrace{8x}_{8}$	2 (x) 12 = $\frac{48}{x}$ (x)
5 = x or $x = 5$	$\frac{12x}{12} = \frac{48}{12}$ $x = 4$
3 (8) $\frac{x}{8} = 8$ (8)	$4  \frac{11x}{14} = \frac{66}{11}$
x = 64	x = 6
5 (x) $\frac{32}{x} = 4(x)$	$\begin{array}{c} 6  (3)  \frac{x}{3} = 24  (3) \\ \end{array}$
$\frac{32}{4} = \frac{4x}{4}$ $8 = x \text{ or } x = 8$	x = 72
$\frac{6x}{6} = \frac{78}{6}$	8 (4) $\frac{x}{4} = 14(4)$
x = 13	x = 56
$9  (x)7 = \frac{84}{x} (x)$	$\underbrace{65}_{5} = \underbrace{5x}_{5}$
$\frac{\overline{X}x}{\overline{X}} = \frac{84}{7}$ (x = 12)	13 = x or $x = 13$
$\frac{3x}{3} = \frac{135}{3}$	12 (20) $3 = \frac{x}{20}(20)$
x = 45	60 = x or $x = 60$

Solving Basic Equations - Part 2 • mathantics.com



Date:

AB-SE2 3

## **Solving Basic Equations (with decimals)**

Instructions: Use multiplication or division to solve each equation. You can use a calculator to do the decimal arithmetic if you'd like to. 2 (2)  $\frac{x}{2} = 1.6(2)$  $1 \quad \underline{5.0}_{25} = \underline{2.5x}_{85}$ x = 3.22 = xor x = 2 $(\times)1.5 = \frac{0.5}{x} (\times)$  $\underline{0.1x}_{\oplus 1} = \underline{2.4}_{0.1}$ 4  $\frac{1.5x}{1.5} = \frac{0.5}{15}$ x = 24  $(x = 0.\overline{3})$  $(x)\frac{3.5}{x} = 2.5 (x)$ **5**  $(2.1)\frac{x}{2.1} = 1.6(2.1)$  $\frac{3.5}{2.5} = \frac{2.5x}{2.5}$ (x = 3.36)1.4 = x or (x = 1.4) $(3)\frac{x}{3} = 6.4(3)$  $\frac{\mathbf{0.2x}}{\mathbf{0.2}} = \frac{\mathbf{0.7}}{\mathbf{0.2}}$ 8 (x = 19.2) x = 3.5 9 (x)  $8 = \frac{8.4}{x}$  (x)  $\underline{2.25}_{0.75} = \underline{0.75x}_{0.75}$ 10  $\frac{8x}{8} = \frac{8.4}{8}$ 3 = xor (x = 3)x = 1.05

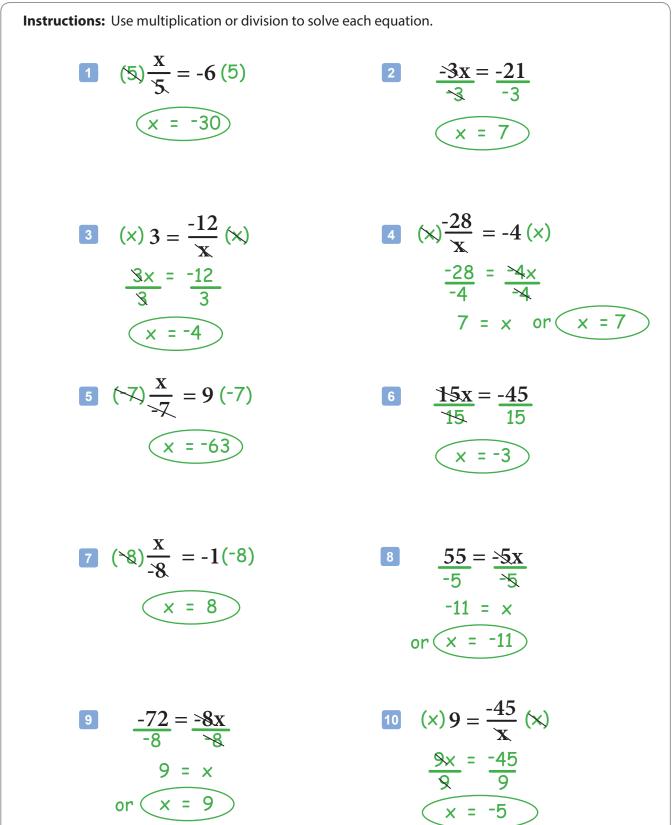
Worksheets

Name:

Date:

## Solving Basic Equations (with negative numbers)

AB-SE2 4

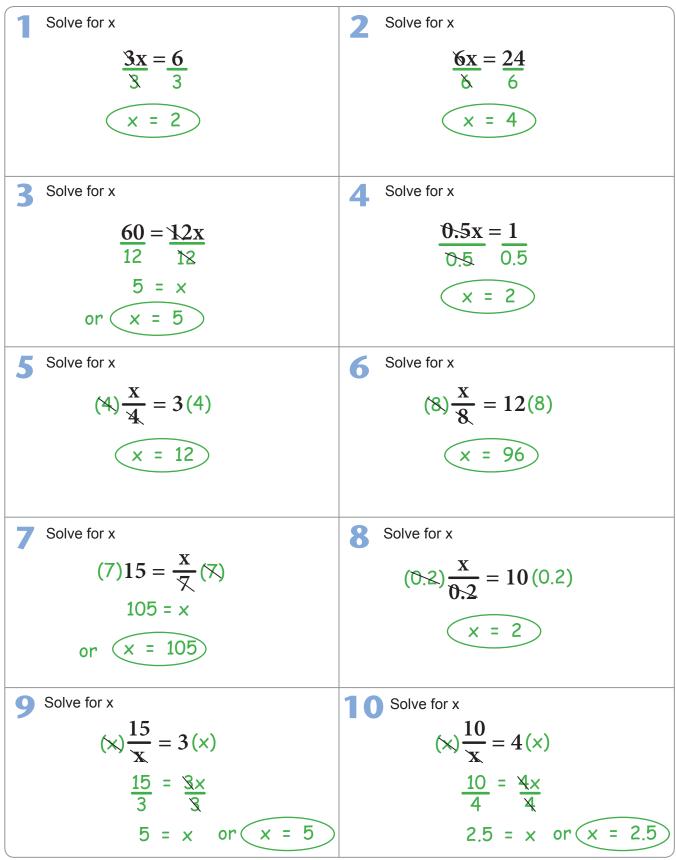


N	3	m	0	
	C.		C	0

Date:

math Antics Exercises

Solving Basic Equations - Part 2



www.mathantics.com

See Video for step-by-step solutions to each problem.