

Name _____

Date _____

Solve Rational and Radical Equations - Matching Worksheet

Match the value of each variable to the values in the right column.

_____	1.	$\sqrt{s} = 0.7$	a.	$\frac{7}{13}$
_____	2.	$\sqrt{a} = 0.12$	b.	$a = 1$
_____	3.	$\sqrt{y} = 0.10$	c.	0.36
_____	4.	$\sqrt{x} = 0.6$	d.	0.49
_____	5.	$\sqrt{(3t - 4)} = \sqrt{(7t)}$	e.	$-\frac{6}{7}$
_____	6.	$\sqrt{(8a - 5)} = \sqrt{(3a)}$	f.	$\frac{-37}{9}$
_____	7.	$\sqrt{(2n - 6)} = \sqrt{(9n)}$	g.	0.0100
_____	8.	$\frac{6}{b+3} = \frac{-3}{b-2}$	h.	$t = -1$
_____	9.	$\frac{8}{c+5} = \frac{-5}{c-4}$	i.	0.0144
_____	10.	$\frac{2}{f+7} = \frac{-7}{f-6}$	j.	$\frac{1}{3}$

