P. 344 Equations + Inequations NOV. 10

$$5.\quad x - 3 = 11 \quad {}^{+3}$$

$$x - 3 + 3 = 11 + 3$$

$$x = 14$$

$$11.\quad x + 6 = 13 \quad {}^{-6}$$

$$x + 6 - 6 = 13 - 6$$

$$x = 7$$

17. Solve and check.

$$m - 5 = -4$$

$$+5 \quad +5$$

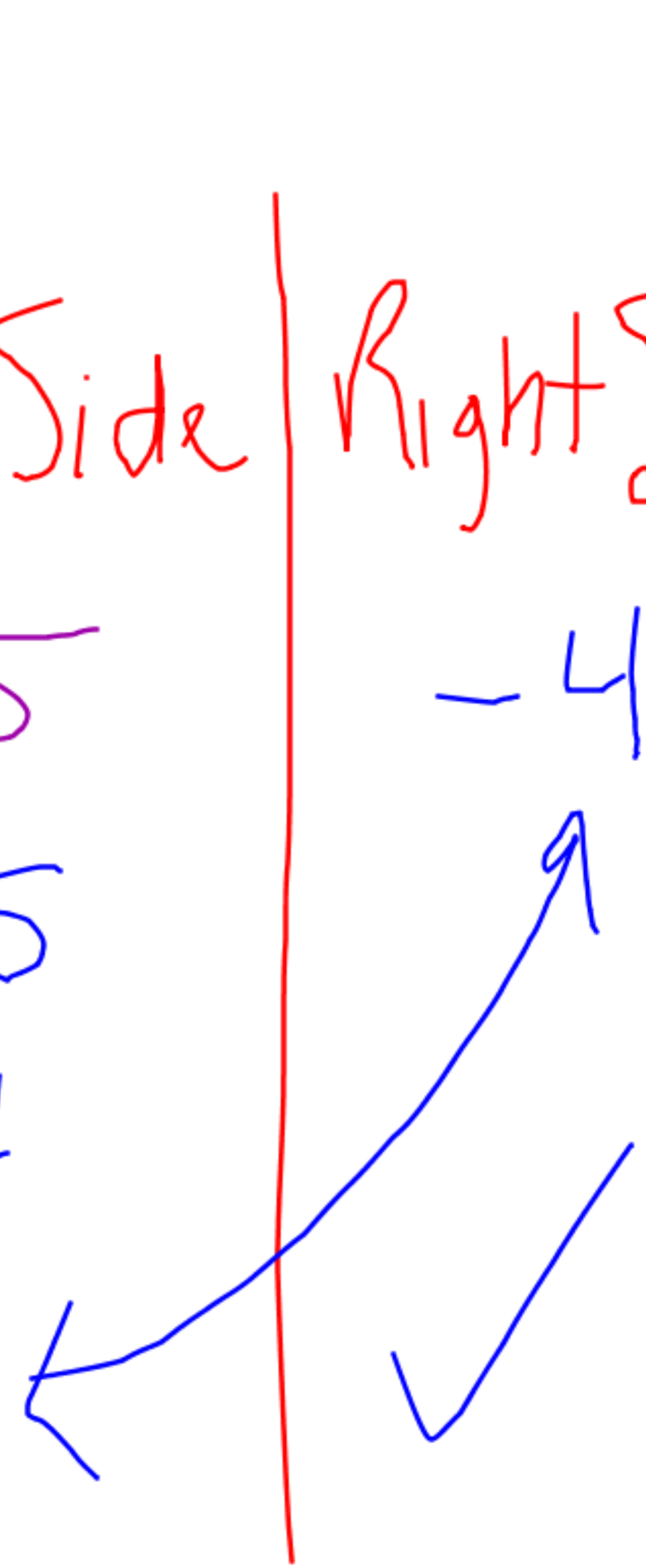
$$m = 1$$

Left Side | Right Side

$m - 5$ | -4

$1 - 5$

-4



29 $\overset{+1.4}{4.6} = t \overset{+1.4}{-1.4}$

$t = 6$

$-8.2 \quad -8.2$

33) $9 = 8.2 + x$

$0.8 = x$

LS	RS
4.6	$t - 1.4$
	$6 - 1.4$
LS RS ✓	4.6
9	$8.2 + x$
(	$8.2 + 0.8$
	=

Three more than a number, x, is 8. What is the number?

a) $x - 3 = 8$

~~b) $x + 8 = 3$~~

c) $x + 3 = 8$

~~d) $x - 8 = 3$~~

$x + 3 = 8$

$-3 \quad -3$

$x = 8 - 3$

$x = 5$

LS	RS
$x + 3$	8
$5 + 3$	
8	

LS = RS ✓

46) $y - \frac{1}{7} = \frac{5}{7}$ $+\frac{1}{7}$ $+\frac{1}{7}$

$y = \frac{5}{7} + \frac{1}{7}$

$y = \frac{6}{7}$

$x^2 \cdot \frac{1}{2} \cdot \frac{1}{2}$

$x^4 \frac{1^2}{2} = \frac{3^2}{4}$

$x = \frac{3}{4} - \frac{1}{2}$

$x = \frac{3}{4} \frac{2}{4}$

$x = \frac{1}{4}$

Solving Equations Using Multiplication and Division

pp 348-9

15. $\frac{3x}{3} = \frac{15}{3}$

$x = 5$

24. $\frac{2}{1}\left(\frac{2x}{2}\right) = \frac{2}{1}\left(\frac{4}{1}\right)$

$\frac{2x}{2} = \frac{4}{1}$

$x = 4$

Homework:

pp. 344-5

pp 348-9