

p. 344

Nov. 9

Equations + Inequations

5.

$$x - 3 = 11 + 3$$

$$x = 14$$

11.

$$x + 6 = 13 - 6$$

$$x = 7$$

17. Solve and Check

$$m - 5 = -4$$

$$m = 1$$

Left Side

Right Side

$$m - 5$$

$$-4$$

$$1 - 5$$
$$-4$$



26. $-11 = t - 1$

$-10 = t$

$t = -10$

L.S.

-11



V

R.S.

$t - 1$

$-10 - 1$

-11

33 $9 = 8.2 + x$

-8.2

-8.2

$$0.8 = x$$

$$x = 0.8$$

L.S.	R.S.
9	$8.2 + x$
	$8.2 + 0.8$
	9 ✓

$$43. \text{ c) } x + 3 = 8$$

-3

-3

$$x = 5$$



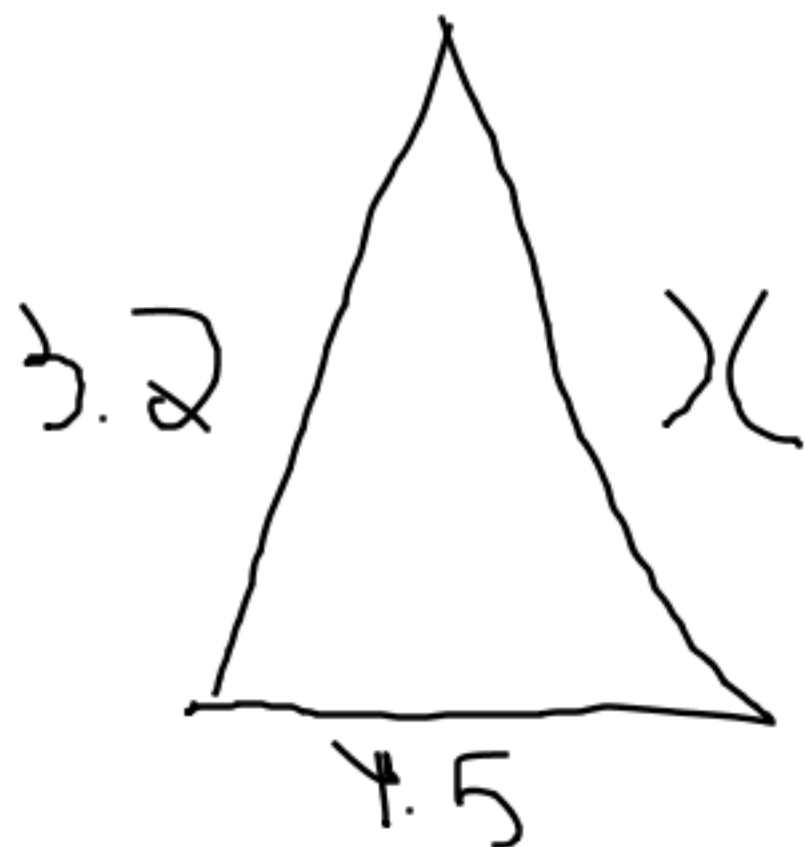
46.

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

$$+ \frac{1}{7}$$

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

45.



$$P = 9.7 \text{ cm}$$

$$P = (S_1 + S_2)$$

$$x = 9.7 - (3.2 + 4.5)$$

$$x = 9.7 - 7.7$$

$$d) x + 3.2 + 4.5 = 9.7$$

$$x + 7.7 = 9.7$$

$$- 7.7$$

$$x = 2 \text{ cm}$$

$$47) x + \frac{1}{2} = \frac{3}{4} \quad -\frac{1}{2} \times 2$$

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

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

$$49) \frac{7}{12} = \frac{m}{1 \times 12} - \frac{1 \times 2}{6 \times 2}$$

$$7 + 2 = 12m - 2$$

$$\frac{9}{12} = \frac{12m}{12}$$

$$m = \frac{3}{4}$$