Alselia Test 1 Solutions Spring 2020

$$2, (447)-7 = 11-7 = 4 U$$

$$(\sqrt{49})^{2} = (7)^{2} = 49 U$$

$$4.3.\frac{1}{3} \times = 5.3$$

$$5. 6x + 4 = 16$$

$$-4 - 4$$

$$\boxed{6x = 12}$$

$$\boxed{x = 2}$$

6.
$$-2x - 3 = 4x - 5$$

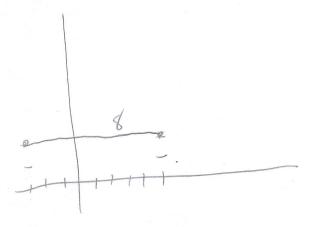
 $-4x + 3 - 4x + 3$
 $-6x = -2$
 $x = \frac{1}{3}$

7.
$$3(2x+4) = -6+12x$$
 $6x+12 = -6+12x$
 $-12x-12 = -12x$
 $-6x = -18$
 $-12x = 3$

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9.
$$4 \times +2y = 8$$
 $-4 \times$
 $2y = 8 - 4 \times$
 $3y = 4 - 2x$

10. IV



13.
$$-3x = 2y + 8$$
 $x = -2$
 $(-3)(-2) = 2y + 8$
 $6 = 2y + 8$
 -8
 $-2 = 2y$
 $-1 = y$

$$14. \ f(s) = 3.5 - 4 = 11$$

$$15. \ f(2) = 2^{2} - 2 + 1 = 4 - 2 + 1 = 3$$

16.

$$\begin{cases} (0.5) & y = 2x - 6 \\ (0.5) & x = -10x + 6$$

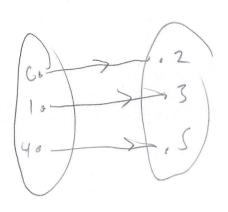
$$(8a) D = \{1, 3, 4\} R = \{1, 4\} Yes$$

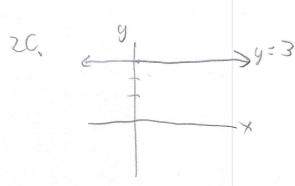
$$(8a) D = \{1, 3, 4\} R = \{5, 19, 4\} Yes$$

$$(a) D = \{1, 3, 4\} R = \{3, 19, 4\} Yes$$

$$(b) D = \{1, 2, 3\} R = \{3, 1, 6\} N_{2}$$

()
$$y - int \times = 0$$
 ()
 $y = 2.0 - 6$
 $y = -6$





21. The square root.