

MATH 017 WORKOUT 7 NAME: _____

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[Run: 02/13/2013 at 15:4 Seed: 6477. Order of Checkable Items: List.]

7-1. Given the data set written in *longhand*,

−5 Apples, +7 Apples, −8 Apples, −3 Apples, +1 Apples, −7 Apples

rewrite it in *shorthand*.

7-2. Given the data set

0 Bananas, 1 Bananas, 2 Bananas, 3 Bananas, 4 Bananas, 5 Bananas, 6 Bananas

and the formula in Bananas

$$x < 4$$

What are the solutions in Bananas?

7-3. Given the data set

−6 Carrots, −5 Carrots, −4 Carrots, −3 Carrots, −2 Carrots, −1 Carrots,
0 Carrots, +1 Carrots, +2 Carrots, +3 Carrots

and the formula in Carrots

$$x < -2$$

What are the solutions in Carrots?

7-4. Given the data set

−3.24 Cup of Pho, −7.23 Cup of Pho, +5.82 Cup of Pho, +1.83 Cup of Pho,

and the formula in **Cups of Pho**

$$x > +3.38$$

What are the solutions in **Cups of Pho**?

7-5. Given the data set in **-3 Quart of Pozole**

$$\{-5, -4, -3, -2, -1, 0, +1, +2, +2, +3, +4, +5, +6, +7\}$$

and the formula in **Quart of Pozole**

$$x \leq +2$$

What are the solution(s), if any, in **Quart of Pozole**?

7-6. Given the data set

$$\{-3, -2, -1, 0, +1, +2, +3, +4, +5, +6, +7\} \text{ Quarts of Soda}$$

and the formula in **Dollars**

$$x \geq +2$$

What are the solution(s), if any, in **Dollars**?

7-7. Given the data set

$$\{-5, -4, -3, -2, -1, 0, +1, +2, +3, +4\} \text{ Packs of Pasta}$$

and the formula in **Packs of Pasta**

$$x = +2$$

What are the solution(s), if any, in **Packs of Pasta**?