April 12, 2019
Periods 1,2,4,6

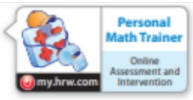
Warm Up - place pgs. 481 on your desk. We will check these answers together.

Class Work -
Answer any questions before the quiz.
Lesson 16.5 quiz

Homework- Pg. 484 Assessment Readiness, due Monday

16.5 Independent Practice

FL 6.SP.2.4, 6.SP.2.5

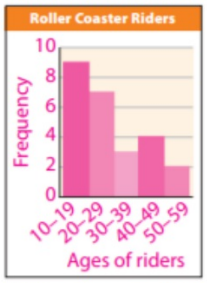


An amusement park employee records the ages of the people who ride the new roller coaster during a fifteen–minute period.

Ages of riders: 47, 16, 16, 35, 45, 43, 11, 29, 31, 50, 23, 18, 18, 20, 29, 17, 18, 48, 56, 24, 18, 21, 38, 12, 23.

5. Complete the frequency table. Then make a histogram of the data.

Interval	Frequency
10–19	9
20–29	7
30–39	3
40–49	4
50–59	2



6. Describe two things you know about the riders who are represented by the data.

Sample answer: Out of 25 riders, no riders were younger than 10 or older than 59; the greatest number of riders were between 10 and 19 years old.

7. **Multiple Representations** West Middle School has classes of many different sizes during first period. The number of students in each class is shown.

9, 23, 18, 14, 20, 26, 14, 18, 18, 12, 8, 13, 21, 22, 28, 10, 7, 19, 24, 20

a. Hank made a histogram using intervals of 6–10, 11–15, and so on. How many bars did his histogram have? What was the height of the highest bar? 6

b. Lisa made a histogram using intervals of 0–9, 10–19, and so on. How many bars did her histogram have? What was the height of the highest bar? 3 bars; 9

c. Besides a histogram, what are some other ways you could display these data?

box plot, dot plot

April 12, 2019
Period 5

Warm Up - Pg 312 #2, pg. 313 #3

Class Work -

- Check Matching Activity
- Pg. 316 all #s whole class
- Pg. 317 #s 7-10, partner work

$4(8) = 32$

$\frac{4x}{4} = \frac{32}{4}$

$x = 8$

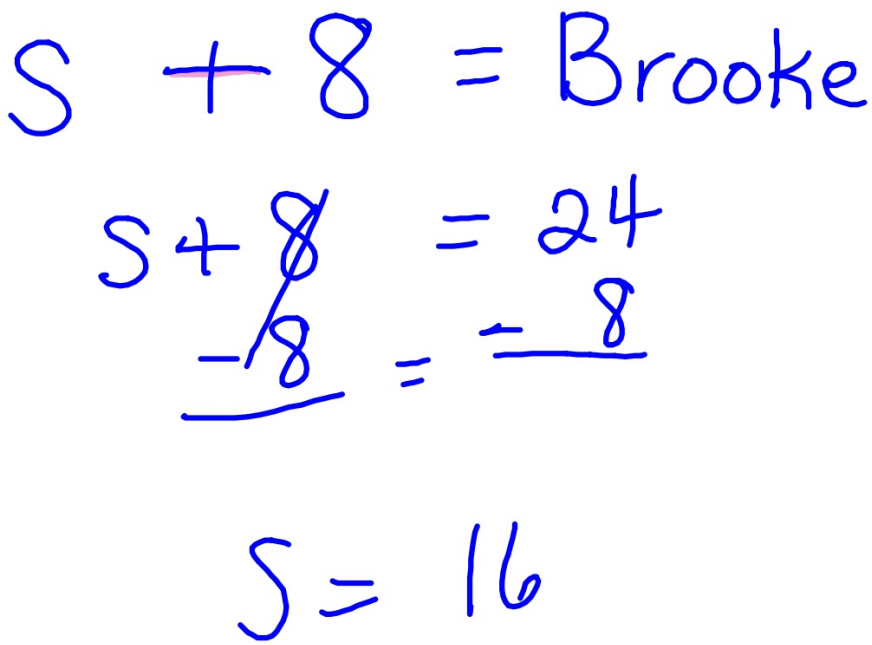
$x \div 3 = 3$

$(3)\frac{x}{3} = 3(3)$

$\frac{3x}{3} = 9;\ x = 9$

Matching Activity

What words helped you decide which solution card it was?

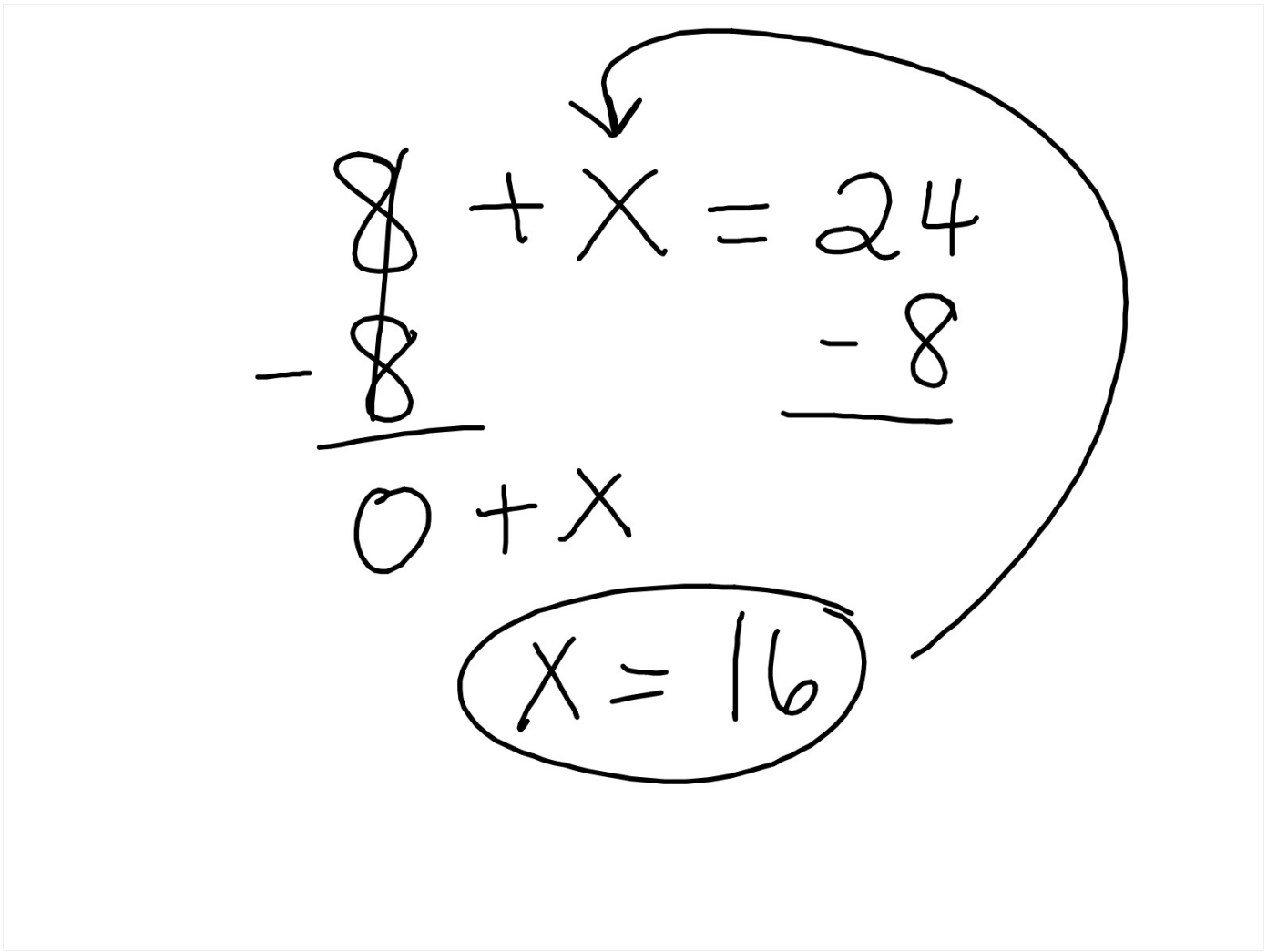


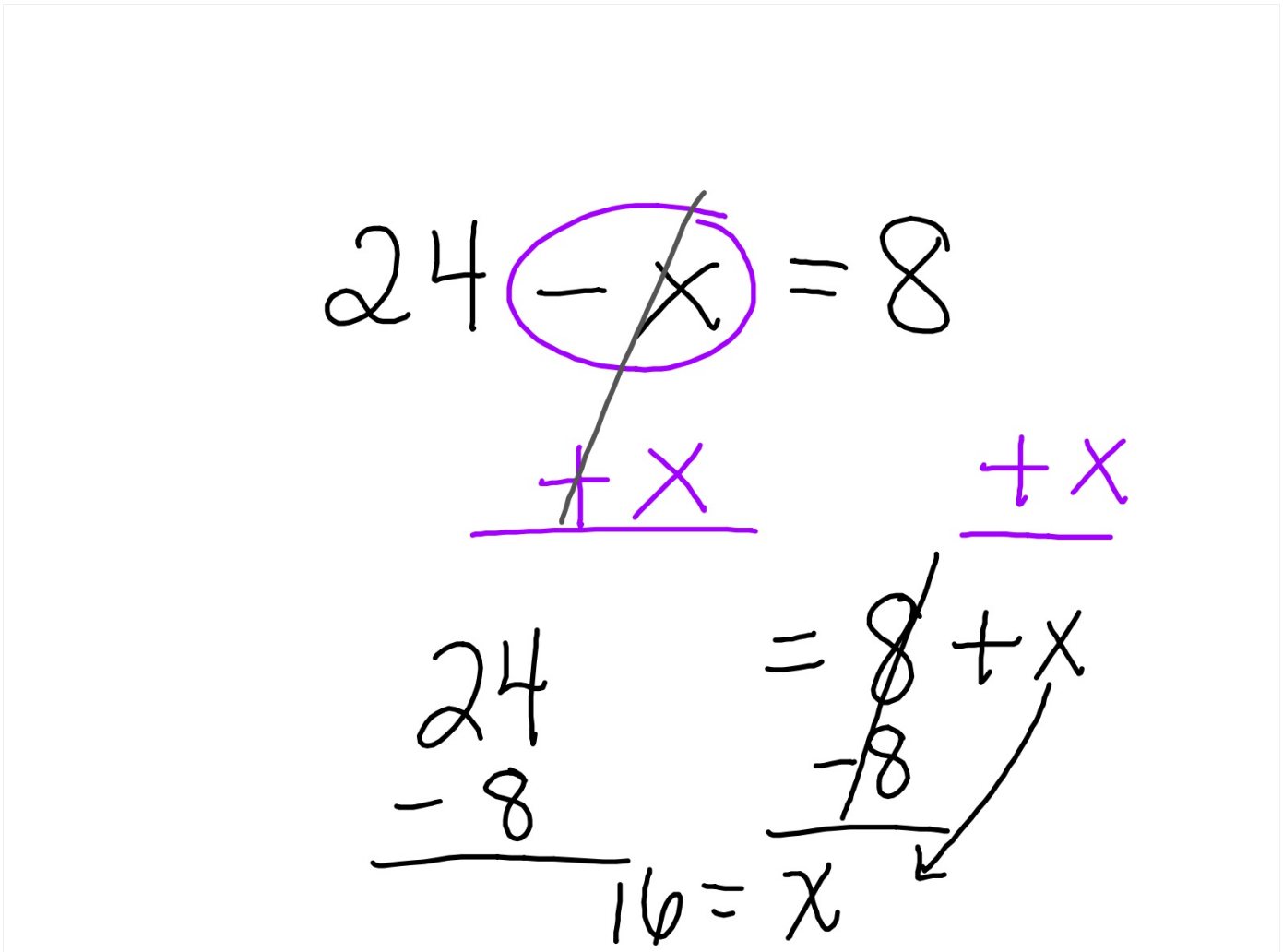
$$8 \cdot x = 24$$

$$\frac{8x}{8} = \frac{24}{8}$$

$$1x$$

$$x = 3$$


8 + X = 24
- 8 - 8
0 + X
X = 16


24 − x = 8
+x
+x
24
− 8
16 = x
= 8 + x
− 8

$$24 \div x = 8$$

$$(x)\ \frac{24}{x} = 8(x)$$

$$\frac{24x}{x} = 8x$$

$$\frac{24}{8} = \frac{8x}{8}$$

$$3 = x$$

$$x \div 24 = 8$$

$$\frac{x}{24} = 8$$

$$(24)\frac{24x}{24} = 8\,(24)$$

$$x = 200$$

$A = \ell \cdot w$

$24 = 6 \cdot w$

$\frac{24}{6} = \frac{6w}{6}$

$4 = w$

$A = l \cdot w$

w

24 in.^2

$l = 6 \text{ in}$

$w = 4 \text{ in}$