

Name: _____ Date: _____ Period: _____ Teacher: _____

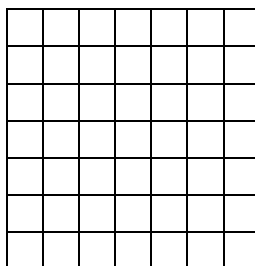
4-3 Weekly Homework

1. Kayla has \$30.00 to spend at a local carnival. She wants to buy the items in the table below. She must pay a 5% sales tax.

Item	Price
Stuffed Animal	\$15.00
Austin City Flag	\$7.00

How much change will she receive after her purchase?

- a. \$6.90
 - b. \$8.00
 - c. \$22.00
 - d. \$23.00
2. The model below represents a square with an area of 49.



What is one way to represent the side length of the square?

- a. 49
 - b. 7^2
 - c. $\sqrt{49}$
 - d. 14
3. Mrs. Perico bought four shirts for \$65.00. The tax rate is 8.25%. How much change should she get back if she gave the cashier \$100?

4. Kolin recorded the low temperature and the high temperature on Monday. The morning low temperature was -5°F and the afternoon high temperature was 22°F . What was the difference in temperature from the morning low to the afternoon high?

Simplify each expression.

5. $(-4) + 2 - (3^2 + 10 \div 5)^2$

6. $10 + (-4) \div 2 \times 5$

7. Robert is making candy bags for his friends. He has $4\frac{3}{5}$ pounds of candy. He wants to put $\frac{1}{5}$ pounds of candy in each small bag. How many bags of candy can Robert make?

8. Rachel purchased 18 pens for \$4.50, not including tax. If each pen cost the same amount, what was the cost in dollars and cents for each pen, not including tax?

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0	0	0	0		0	0
1	1	1	1		1	1
2	2	2	2		2	2
3	3	3	3		3	3
4	4	4	4		4	4
5	5	5	5		5	5
6	6	6	6		6	6
7	7	7	7		7	7
8	8	8	8		8	8
9	9	9	9		9	9

9. Explain in your own words the meaning of the word zero pair.

10. Explain how to change a fraction to a decimal.