

6-9-17

Aim: SWBAT review.

Do Now: Work quietly on the "Extra Practice"

HW: Final Exam Tuesday, June 13th
Textbook due on or before the final exam

Name _____

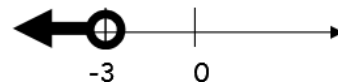
Review Quiz #1 (Expressions, Equations, and Inequalities)

Date _____

Period _____

Circle the letter of the best answer. (2 points each)

- 1) Simplify the expression: $-2x + 15x$
 A) $-13x$ B) $-17x$ C) $13x$ D) $17x$
- 2) Given the expression: $-14x - 7y + 22$, the "-7" would be called a _____.
 A) coefficient B) term C) constant D) variable
- 3) Simplify the expression: $3(4x + 5)$
 A) $12x - 15$ B) $7x + 8$ C) $12x + 15$ D) $12x + 5$
- 4) Simplify the expression: $-5(4x - 5)$
 A) $-20x + 25$ B) $-20x - 25$ C) $20x + 25$ D) $-20x + 5$
- 5) Which two keywords require a reverse in the order the math is written?
 A) "sum" and "difference" B) "is added to" and "is subtracted from"
- 6) Which two keywords require parentheses?
 A) "sum" and "difference" B) "is added to" and "is subtracted from"
- 7) Circle the solution for $\frac{5}{6}w = 30$
 A) -36 B) $-\frac{1}{36}$ C) $\frac{1}{36}$ D) 36
- 8) Circle the solution for $4x - 3 = 17$
 A) -5 B) 5 C) 10 D) 80
- 9) Which inequality statement represents the graph?
 A) $x > -3$ B) $x \leq -3$ C) $x < -3$ D) $x \geq -3$

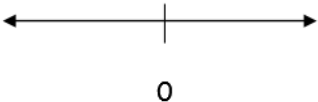


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10) Simplify. (4 points) $6(2x + 4) + 8 + 3x$	11) Factor. (3 points) $5n - 50$
12) Solve. (4 points) $4x - 5 = 7x + 4$	13) Check #12. (2 points)
14) Solve. (4 points) $-4x + 6 \geq 26$	15) Graph #14. (3 points) 

Name _____

Review Quiz #2

Date _____

Period _____

#1 - 6: Circle the letter of the best answer. (2 points each)

1) A 12-pack of juice boxes costs \$5.40. How much would a 24-pack of juice boxes cost if it is proportional in price?

- a) \$9.40 b) \$10.80 c) \$8.10 d) \$12.15

2) The table below shows the cost of fish at local markets. Which market offers the best buy?

Salmon on Sale	
Captain's	2 lbs for \$7.98
Seacatch	5 lbs for \$9.75
Ocean	3 lbs for \$8.25
Crab Shack	\$2.99/lb

- A. Captain's
B. Seacatch
C. Ocean
D. Crab Shack

3) The price of a CD was \$14.98. If the tax was 8%, what was the total cost of the CD?

- A. \$16.18 B. \$16.17 C. \$13.78 D. \$1.20

4) The wholesale price of a shirt is \$5. A store marked up the shirt 125%. What is the retail price of the shirt?

- A. \$1.25 B. \$6.25 C. \$11.25 D. \$1,125.00

5) A shirt that normally sells for \$28 is on sale at a 10% discount. What is the sale price of the shirt?

- A. \$2.80 B. \$25.20 C. \$26.20 D. \$30.80

6) Three hundred 7th grade students went on the fieldtrip. If 60% of the 7th grade students went on the fieldtrip, how many students are in the 7th grade?

- A. 500 B. 550 C. 600 D. 650

Name _____

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Review Quiz #2

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#7 - 8: Use a proportion and solve algebraically. (4 points)

7) An aquarium has a scale model of a white shark on display. The model is 5 inches long. If the scale of the model is 2 inches : 7 feet, what is the length of the actual shark?

The actual length of the shark is _____ ft.

8) The regular price of a shirt is \$45.95. If there is a 30% discount and a 6% sales tax, what is the total cost of the shirt?

The total cost of the shirt is \$_____.

#9 - 14: Complete the following chart. (2 points each)

FRACTION	PERCENT	DECIMAL
$\frac{3}{8}$	9)	10)
11)	12)	1.75
13)	8%	14)

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The table below shows the proportional relationship between the total cost and the number of pints of ice cream you buy. Use it to answer #15 - 18.

Total Cost (\$)		15	30		
# of pints	2	3		7	8

15) Fill in the missing information in the table. (1 point each)

16) State the constant of proportionality. _____ (1 point)

17) Write an equation showing the relationship between the total cost, c , and the number of pints, p .

_____ (2 points)

18) How much would a dozen pints of ice cream cost?

\$_____ (1 point)