

6th Review #58 – WORK MUST BE SHOWN
FOR EACH PROBLEM – NO CALCULATORS

1. Janie bought 3 giant cookie cakes. She wants to serve $\frac{1}{4}$ portions of the cake. How many $\frac{1}{4}$ portions are there in 3 cakes? *(Draw a model or show how you solved)*

- A 3
- B 4
- C $\frac{3}{4}$
- D 12

2. Look at the table below. Which estimate is closest to the total amount of time James spends on weekend activities? *(Show work)*

James's Weekend Activities

Activity	Time (hours)
Cleaning bedroom	$1\frac{2}{3}$
Washing dishes	$\frac{1}{4}$
Doing homework	$2\frac{3}{4}$
Cleaning bathroom	$\frac{1}{3}$
Folding clothes	$\frac{1}{2}$

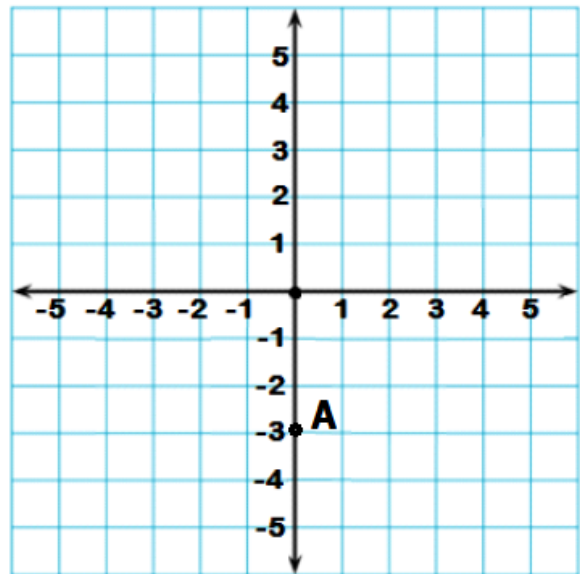
- A 1 hour
- B 3 hours
- C 6 hours
- D 10 hours

3. The ratio of boys to girls in the band is 75 to 25. What is the ratio of girls to total students in the band? *(Label and show work)*

- F** 1 to 25
- G** 1 to 75
- H** 3 to 4
- J** 1 to 4

Name _____

4. Which ordered pair below describes the Point A located on the coordinate plane? *(Show work)*



- A (3, 0)
- B (0,-3)
- C (-3, 0)
- D (0,3)

5. The ordered pair (6,-4) is located in which of the following quadrants? *(Show work)*

- A Quadrant I
- B Quadrant II
- C Quadrant III
- D Quadrant IV

6. Model the product: $\frac{2}{5} \bullet \frac{1}{4}$ *(Show work)*

Adv. Review #58 (7th grade SOLs)

SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

7. Solve the following according to order of operations:

$$(10 - 8) \times (-4) \div 2 \times 4$$

8. The number 196 is a perfect square number. Draw a square in the space provided that proved that 196 is a perfect square.

9. Using problem #8, solve the following:

$$\sqrt{196} = \underline{\hspace{2cm}}$$

10.

What is the value of the expression below?

$$|3| + |-3| + |-1|$$

- A. -7
- B. -1
- C. 1
- D. 7