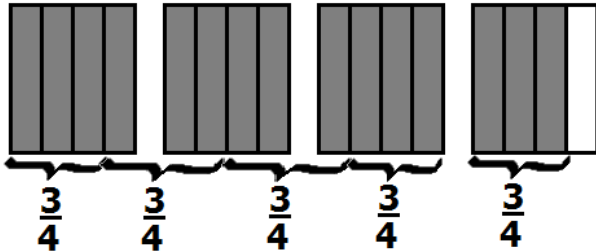


**6th Review #87 – MUST SHOW WORK
FOR EACH PROBLEM **Use Calculators****

Name _____

1. Write the expression modeled below.
(Show how you got your answer)



2. Solve for n . (Show inverse operations)

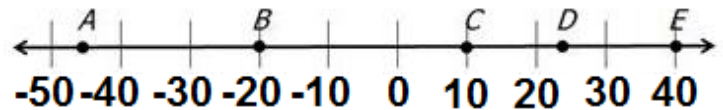
$$-57 = n - 8$$

3. Circle all of the following that are **not** integers. (Show why they are not integers)

-0.3	$15/3$	0	8
$3/7$	+1.7	$23/5$	-4

4. Janice put a trim around her coffee table. The circumference of the table was 64 inches. Which method below would be used to find the diameter of the table?
(Draw the figure; write formula; use formula)

5. Which letter on the number line below represents a number that has the greatest absolute value? (Show how it has the greatest absolute value)



6. Which of the following has the same value as 100,000? (Show how you found the answer)

A	10^2	C	10^4
B	10^3	D	10^5

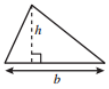
Adv. Review #87 (7th grade SOLs)
SHOW HOW YOU SOLVED EACH
PROBLEM – NO CALCULATORS!

7. Solve.

$$(-5)^3$$

8. How much area is shown in the shaded region?

Geometric Formulas

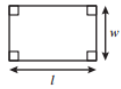


$$A = \frac{1}{2}bh$$



$$p = 4s$$

$$A = s^2$$



$$p = 2l + 2w$$

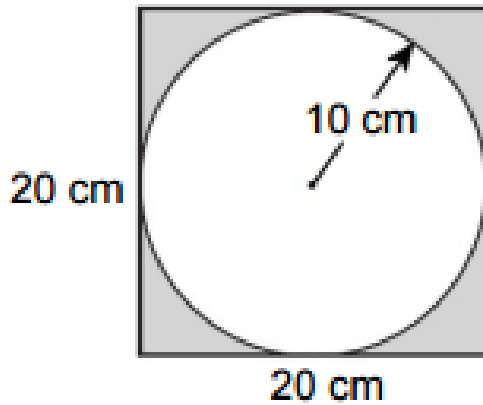
$$A = lw$$



$$C = 2\pi r$$

$$C = \pi d$$

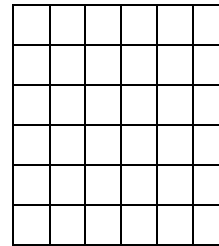
$$A = \pi r^2$$



9. Model the following expression with counter chips (+, -); then solve.

$$-12 + -6$$

10. Which of the following represents the side length of the squares?



- A 16
- B $\sqrt{6}$
- C 36
- D $\sqrt{36}$