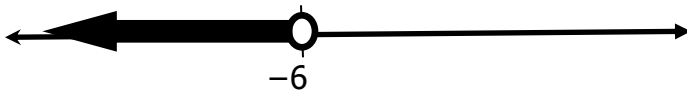


6th Review #80 – WORK MUST BE SHOWN
FOR EACH PROBLEM – NO CALCULATORS (except on #2, 3, 6)

1. Evaluate the expression: (show "GEMDAS")

$$280 + (65 - 9 \cdot 5) - 3^3 \cdot 5$$

2. Write the inequality in two ways. (Prove answer)



3. Which of the following is true?
(Show work for each)

- A $|3| = -3$
- B $-34 > -1$
- C $|-12| > |7|$
- D $-19 = 19$

Name _____

4. Jacob had $2 \frac{1}{2}$ pizzas left over from the party. He wanted to sprinkle extra cheese on $\frac{2}{5}$ of the left over pizza. How many pizzas had extra cheese?
(Show or draw how you found how much had extra chees)

- A $2 \frac{1}{10}$ pizzas
- C 1 pizza
- B $6 \frac{1}{4}$ pizzas
- D 3 pizzas

5. Shelly bought 3 bananas at \$1.89 per banana. She also bought 5 oranges at \$0.89 per orange. How much money did she spend for the bananas and oranges? (Show how you found the cost)

6. Jackie wants to put a tinted window in her room. The window has a diameter of 50 inches. How many square inches will she need to cover? (Draw figure; write formula; solve using formula)

Adv. Review #80 (7th grade SOLs) SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS! (except on 8, 9)

7. Solve.

$$(-1)^2$$

8. Which table shows a proportional relationship between x and y?

A

x	y
2	12
3	18
4	24

B

x	y
9	21
12	27
16	35

C

x	y
4	16
5	25
6	36

D

x	y
3	16
4	20
6	24

9. How many $\frac{3}{8}$ are in 9? (Show how you solved)

10. If an airplane flies at 5230 ft above sea level and then descends 521 ft, what is it's distance relative to sea level now?