

6th Review #73 – WORK MUST BE SHOWN FOR EACH PROBLEM – You may use a calculator on #1-6

1. Find the product of $3\frac{2}{5}$ and $2\frac{1}{4}$
(Show how you found the product)

2. Find the quotient of $3\frac{1}{8}$ and $2\frac{1}{2}$
(Show how you solved)

3. Circle the following that is a perfect square number? (Show how it is a perfect square)

A 50

C 10

B 100

D 120

Name _____

4. Which of the following has a solution of 4?

$4x = 4$	$\frac{x}{-2} = -2$	$x + 1 = 4$
$1 = x - 3$	$8 = \frac{x}{2}$	$x + -8 = -4$

5. Which of the following is true about this statement?

$$5 = \frac{x}{2} - 10$$

A Five equals the quotient of 2 and a number minus ten

B Five equals the quotient of a number and two subtracted from ten

C Five equals ten subtracted from the quotient of a number and two

D Five equals ten less than the product of two and a number

6. What is the coefficient in the following equation?

$$x + 9 = 10$$

A 0

C 1

B 9

D 10

Adv. Review #73 (7th grade SOLs)

SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS

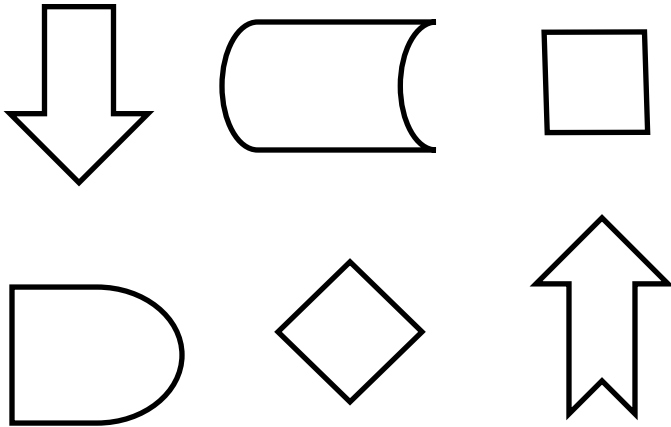
7.

During a winter's night, the low temperature was recorded at 19°F . The wind-chill temperature that same night was -7°F . What was the difference between the wind-chill temperature and the low temperature?

- A 25°F
- B 26°F
- C 7°F
- D 12°F

8. Circle the figures that are congruent?

(Show or explain how you know)



9.

Which of the following expressions is equivalent to 4^5 ?

- A. 4×5
- B. $4 + 5$
- C. $4 + 4 + 4 + 4 + 4$
- D. $4 \times 4 \times 4 \times 4 \times 4$

10. If a submarine is at -521 feet below sea level, and it ascends 235 feet, what is its new location?