DO NOT WRITE ON THIS TEST

Algebra 2: Unit 1 Part 1 Quiz 1 MASTERY QUIZ

Properties, Real Numbers, Order of Operations, Properties of Exponents, and Solving Equations

1. Which number is irrational?

A. 1/5

B. -4

C.

D. 0.3333333

2. Which describes Natural numbers?

A. … -1, 0, 1 …

B. … 0, 1, 2 …

C. … 1, 2, 3 …

D. None of these

3. Which property is illustrated below?

6(x – 4) = 6(x) + 6(– 4)

A. Associative Property

B. Identity Property

C. Commutative Property

D. None of these

4. Which number sentence is an example of the Identity Property of Addition?

A. *x + x = 2x*

B. *x + 0 = x*

C. x(1) = x

D. x(x) =

5. What value is equal to

?

A. – 21

B. 7

C. 21

D. 44

6. Evaluate:

A. 13

B. – 17

C. 0

D. 10

7. Which mathematical property is illustrated below?

*(x)(y)(z)* = (*z)(x)(y)*

A. Associative Property

B. Identity Property

C. Commutative Property

C. None of these

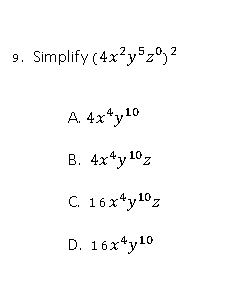
8. Evaluate:

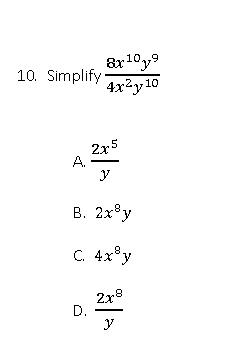
A. 365.5

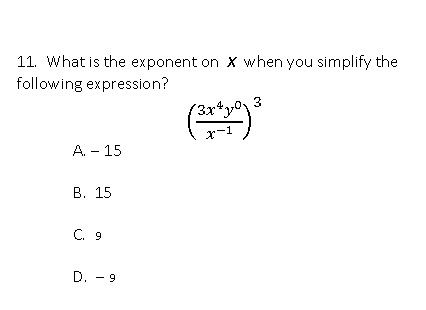
B. 27

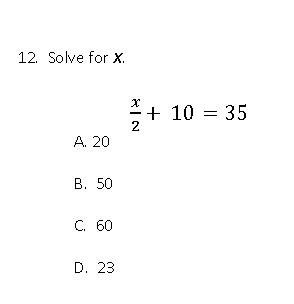
C. 46.5

D. 4









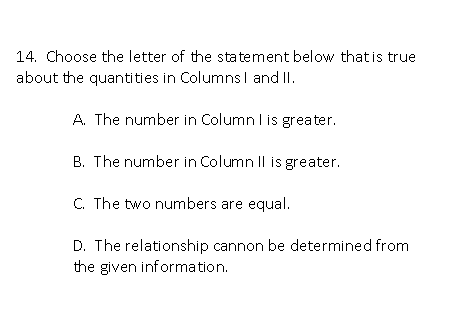
13. Simplify:

A. 13x – 10

B. 7x – 2

C. 13x – 2

D. 13x – 10



Column I Column II

the value of x in : the value of y in:

3 – 2x = 3x – 9 15y = 3y + 4

15. Solve the literal equation:

P = 2L + 2W

A.

B.

C.

D.