

Warmup: Show each step on paper, then check your answer on the website.

1. Write the equation given for each property

Commutative Property of Addition: _____

Commutative Property of Multiplication: _____

Associative Property of Addition : _____

Associative Property of Multiplication : _____

Identity Property of Multiplication : _____

Identity Property of Addition : _____

Zero Property of Multiplication : _____

Simplify each expression

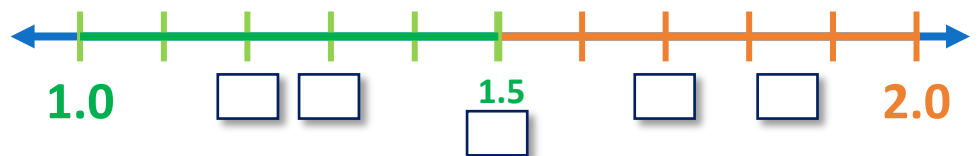
2. $6(5+10)$ $6(5) + 6(10)$

3. $7(6+4)$ $7(6) + 7(4)$

4. Arrange these numbers in order from least to greatest: 7.05, 7.1, 7.0

5. What is a factor? _____

6. Label 1.3, 1.2, 1.85, 1.5 and 1.7 on the number line.



I. Distributive Property

Distributive Property:

The sum of the addends
multiplied by a number

is equal to

sum of the products made
by multiplying each
addend and the number

$$5 (4 + 3) = 5(\underline{\quad}) + 5(\underline{\quad})$$

$$4(9) + 4(1) = 4 (9 + 1)$$

$$1 (2 + \underline{\quad\quad}) = 1(2) + 1(6)$$

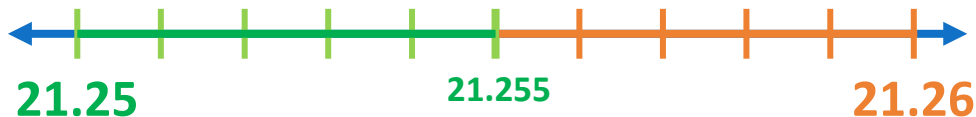
Simplify using the distributive
property: $5x + 5y = 5 (\underline{\quad} + \underline{\quad})$

Simplify using the distributive
property: $2 (x + 8) = 2(x) + 2(8)$

II. Rounding Decimal Numbers

Round 21.254 to the nearest hundredths

21.254



Rounding Decimal Numbers: to round the
decimal to a place value

Underline the number you are rounding to

Circle the place value to the right 

If the number circled is 5 or greater, round up.

If the number circled is less than 5, round down.

The last digit you write should be in the place that was underlined

Round 45.9188
to the nearest
thousandths.

45.9188

Round 4.999 to the nearest tenths.

Round 23.495 to the nearest hundredths.

12. Round 850.29364 to the nearest hundredths place.

13. Round 729.64986 to the nearest hundredths place.

III. Practice

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