Unit 7: Order and compare positive and negative numbers.

$-\dfrac{7}{8}$

-200

$-4 + 1$

$\$1.22$

4^2
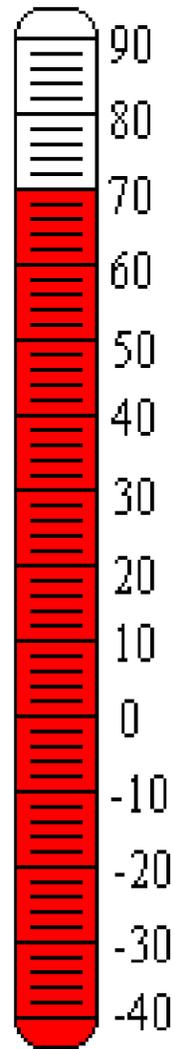
$8 - (-2)$

Three less than 2
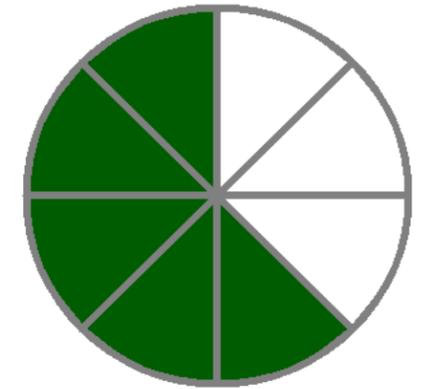
Order the ten numbers from least to greatest.

___ , ___ , ___ , ___ , ___ , ___ , ___ , ___ , ___ , ___

Grade 5 Operations and Computation Goal: Use mental arithmetic, paper-and-pencil algorithms, and calculators to solve problems involving the addition and subtraction of whole numbers, decimals, and signed numbers; describe the strategies used and explain how they work.

Unit 7: Add and subtract positive and negative numbers.

Compare using < , > , or =

$0.5 + (-0.5)$ _____ 0

3^2 _____ $10 - (-1)$

$-6 + (-6)$ _____ $(-9) - (-3)$

$100/5$ _____ $24 - (-1)$

On Monday, Jesse's lunch account had a balance of **-$2.00**. On Tuesday, Jesse deposited $9 into his lunch account.

A. Draw $\boxed{+}$ $\boxed{-}$ counters to show Jesse's current lunch account balance.

B. Write a number model to show Jesse's account balance after his deposit on Tuesday.

Grade 5 Patterns, Functions, and Algebra Goal: Determine whether number sentences are true or false; solve open number sentences and explain the solutions; use a letter variable to write an open sentence to model a number story; use a pan-balance model to solve linear equations with one unknown.

Unit 7: Identify number sentences and tell whether they are true or false.

Sort each of the expressions below into the appropriate category.

Number Sentence	Not A Number Sentence

$3 + 7$

$3^3 = 9*3$

21

$5^2 > 6 * 5$

$-6+-2 = -8$

$-3 = 5-8$

In the table above, circle the number sentences that are TRUE.

Change ONE number in each FALSE number sentence to make it a true number sentence.

Grade 5 Patterns, Functions, and Algebra Goal: Evaluate numeric expressions containing grouping symbols and nested grouping symbols; insert grouping symbols and nested grouping symbols to make number sentences true; describe and use the precedence of multiplication and division over addition and subtraction.

Unit 7: Understand and apply order of operations to evaluate expressions and solve number sentences.

$10 + 11 * 2 =$ _____

_____ $= (6 + 4)^2$

_____ $= -10 + (-8) + 2^3$

$12 + 4 * 3 \div 4 =$ _____

Circle the number model that matches the number story.

In each package, there are 4 square and 5 round shapes. Colleen ordered 6 packages. How many shapes did she order?

$(4 + 5) * 6$ $4 + (5 * 6)$ $(6 + 4) + 5$

There are four 5th grade classes. Each class has 10 girls and 9 boys. How many children are in the 5th grade?

$(4 + 5 + 9)$ $4 * (10 + 9)$ $(19 - 10) * 5$

Grade 5 Patterns, Functions, and Algebra Goal: Evaluate numeric expressions containing grouping symbols and nested grouping symbols; insert grouping symbols and nested grouping symbols to make number sentences true; describe and use the precedence of multiplication and division over addition and subtraction.

Unit 7: Understand and apply the use of parentheses in number sentences.

Insert parentheses to make the number sentences true.

$49 \div 7 + 3 * 4 = 19$

$0 = 102 - 70 \div 8 - 4 - 8$

$2 = 3 * 2 - 4 / 1$

8

$(4 \div 4) * (3^2 - 1) = 8$

Write 5 more number sentences that equal 8. Use parentheses in each number sentence and only use numbers less than 10.