Weekly 5   CC2 and Fractions   Name _____

MONDAY

1. _____ Convert $\frac{-11}{3}$ to a mixed number.   2. _____ Convert $4\frac{3}{5}$ to an improper fraction

3. $-4\frac{2}{5} + 1\frac{4}{9}$ = _____   4. $-3\frac{1}{8}$ x $\frac{3}{5}$ = _____   5. $-8\frac{1}{6} \div -5\frac{1}{4}$ = _____

Identify the property being displayed.

6. 7m = m7 _____   7. -95 x 1 = -95 _____

8. (2 x 7) x 10 = 2 x (7 x 10) _____   9. g + -g = 0 _____

10. 8(3b + 2) = 24b + 16 _____   11. h + 0 = h _____

12. 15 x 0 = 0 _____   13. $\frac{3}{5}$ x $\frac{5}{3}$ = 1 _____

Apply the Distributive Property

14. -4(5 + 2y) = _____   15. 8(b + 2y) = _____   16. -(5h - 4) = _____

17. (3 - 9w)5 = _____   18. -6(-2e + 7) = _____   19. (7y + 21) = _____

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TUESDAY

1. _____ Convert $\frac{27}{4}$ to a mixed number.   2. _____ Convert $-3\frac{2}{9}$ to an improper fraction

3. $-8\frac{2}{3} - 1\frac{1}{2}$ = _____   4. $-4\frac{1}{10}$ x $\frac{-1}{3}$ = _____   5. $-7\frac{1}{6} \div 3$ = _____

Underline each term, list each constant and coefficient, then SIMPLIFY by combining like terms.

6. 8 + 14y + 3 + 6y Constants _____ Coefficients _____ After Simplifying _____

7. 5(9 + 3h) + 10 Constants _____ Coefficients _____ After Simplifying _____

8. 10v - 14 - 6v + 2(v^2 + 1) Constants _____ Coefficients _____ After Simplifying _____

9. -3 - 8w + 5w + 12 Constants _____ Coefficients _____ After Simplifying _____

10. 8(y + 4) - 3(6y + 2) Constants _____ Coefficients _____ After Simplifying _____

11. $3h^2$ + 5 - $7h^2$ + 13h Constants _____ Coefficients _____ After Simplifying _____

12. 9(8 - g) + 13g Constants _____ Coefficients _____ After Simplifying _____

13. 11 - 5c + 6 - 2c Constants _____ Coefficients _____ After Simplifying _____

Apply the Distributive Property

14. -(20 +j) = _____   15. 2(-6c - 3)) = _____   16. 4(3p + 1) = _____

17. 7(5 - m) = _____   18. (2b - 4)5 = _____   19. -3(y + 3k) = _____

WEDNESDAY

1. _____ Convert $\dfrac{9}{4}$ to a mixed number.

2. _____ Convert $-3\dfrac{1}{9}$ to an improper fraction

3. $-1\dfrac{3}{8} + \left(-5\dfrac{1}{3}\right) =$ _____

4. $-5\dfrac{1}{3} \times \left(\dfrac{-2}{9}\right) =$ _____

5. $\dfrac{5}{6} \div \left(-1\dfrac{1}{9}\right) =$ _____

6. You can use the associative property with _____ and _____ problems.

7. You can also use the _____ property with these two operations.

8. Anything times 1 or anything plus zero STAYS THE SAME is an example of the _____ property.

Apply the Distributive Property

9. $10(7k - 3) =$ _____

10. $-2(-5z + 1) =$ _____

11. $-(-4h + 3) =$ _____

Underline each term, list each constant and coefficient, then SIMPLIFY by combining like terms.

12. $13g - 5 + 9(2g + 1)$ Constants _____ Coefficients _____ After Simplifying _____

13. $-(3h - 8) - 5(h^2 + 2h)$ Constants _____ Coefficients _____ After Simplifying _____

14. $3w + 4 + 2h - 9$ Constants _____ Coefficients _____ After Simplifying _____

15. $8k - 5(5k + 4) - 1$ Constants _____ Coefficients _____ After Simplifying _____

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THURSDAY

1. To add or subtract fractions you must go to _____.

2. To multiply or divide fractions you must go to _____.

3. $-12 - 25 + 7 =$ _____

4. $9 - 16 - (-3) =$ _____

5. $2(-3)(-1)(-2) =$ _____

6. Circle all of the terms that are LIKE TERMS with $9k$.

    $-k$ 9 -12 $15k$ $-6k^2$ $20k$ $9k^2$ $-25k^2$ $-3k$ 17 $2k$ k

7. Circle all of the terms that are LIKE TERMS with $-5kb^2$.

    $-kb$ $7b^2k$ $-4bk$ $3k$ $-2k^2$ $20k^2b$ $8k^2$ $13kb^2$ $-53kb$ $2kb^3$ $2kb$ $8k^2b^2$

8. Small pizzas cost (s) dollars and medium pizzas cost (m) dollars and large pizzas cost $18.

    Write an expression for the cost of 3 small pizzas _____

    Write an expression for the cost of 8 medium pizzas and a $4 tip _____

    Write an expression for the cost of 2 small pizzas and 7 medium pizzas _____

    Write an expression for the cost of 5 medium pizzas and a large pizza _____

Every Saturday, Jim throws a party that requires 4 medium pizzas and a large pizza. He always tips the delivery person $8.

    Write an expression that describes Jim's purchase _____

    Write an expression that will find Jim's total cost for the next 6 weeks _____

Simplify by combining like terms.

9. $4(3k - 6) - 2 =$ _____

10. $2(5 - g) - 9(g + 7) =$ _____

11. $6 + 5y - 8 - 3y =$ _____

12. $w(2 + 5) - 9w + 4 =$ _____

13. $5e - 7(2e - 3) + 10 =$ _____

14. $-8 - 6(2c - 5v) =$ _____

Identify the operation (+, -, x, or ÷) for each word.

Difference ____   Sum _____   Product _____   Quotient _____   Twice _____

More than _____   Decreased by _____   From _____   Doubled _____   Of _____

Than _____   Increased _____   Triple _____   Cubed _____   Squared _____