NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MATH HOMEWORK - **MONDAY, NOVEMBER 4**

**1) Use common denominators to add or subtract the fractions below:**

A) B) C)

**2) List the factors for each number. Circle the GREATEST COMMON FACTOR (GCF). Then use the GCF to simplify the fraction.**

A) **Factors** of **4**: \_\_\_\_ x \_\_\_\_ \_\_\_\_ x \_\_\_\_ **Factors** of **12**: \_\_\_ x \_\_\_ \_\_\_ x \_\_\_ \_\_\_ x \_\_\_

CIRCLE THE GREATEST COMMON FACTOR. Then use the GCF to simplify the fraction:

B) **Factors** of **6**: \_\_\_ x \_\_\_ \_\_\_ x \_\_\_ **Factors** of **15**: \_\_\_ x \_\_\_ \_\_\_ x \_\_\_

CIRCLE THE GREATEST COMMON FACTOR. Then use the GCF to simplify the fraction:

**3) For each improper fraction (fraction greater than one), divide the numerator by the denominator to get a MIXED NUMBER.**

A) = \_\_\_\_ ÷ \_\_\_\_ Divide and write the MIXED NUMBER.

B) = \_\_\_\_ ÷ \_\_\_\_ Divide and write the MIXED NUMBER.

C) = \_\_\_\_ ÷ \_\_\_\_ Divide and write the MIXED NUMBER.

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MATH HOMEWORK - **TUESDAY, NOVEMBER 5**

**1) USE NUMBER SENSE (you do not have to add or subtract) to determine if each sum is less than 1 or greater than 1:**

A) **CIRCLE ONE**: less than one greater than one

EXPLAIN HOW YOU KNOW: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B) **CIRCLE ONE**: less than one greater than one

EXPLAIN HOW YOU KNOW: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2) Determine if each statement is true or false. CIRCLE TRUE OR FALSE and EXPLAIN.**

A) **CIRCLE ONE**: true false

EXPLAIN HOW YOU KNOW: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B) **CIRCLE ONE**: true false

EXPLAIN HOW YOU KNOW: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3) Circle all of the fractions that are EQUIVALENT to . USE THE PROOF BOX for proof.**

**4)** There are 10 people at your birthday party. You have 8 candy bars to hand out. How many candy bars will each person receive if everyone receives an equal amount?

**5) Who do you agree with and why:**

**RON**: He believes that 1/5 is greater than 1/3. **THOMAS**: He believes that 1/3 is greater than 1/5.

WHO IS CORRECT? \_\_\_\_\_\_\_\_ HOW DO YOU KNOW? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6)** Create a number line that has the following fractions in their correct places.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MATH HOMEWORK - **WEDNESDAY, NOVEMBER 6**

**1) Use common denominators to add or subtract the fractions below:**

A) B) C)

**2) List the factors for each number. Circle the GREATEST COMMON FACTOR (GCF). Then use the GCF to simplify the fraction.**

A) **Factors** of **8**: \_\_\_\_ x \_\_\_\_ \_\_\_\_ x \_\_\_\_ **Factors** of **10**: \_\_\_ x \_\_\_ \_\_\_ x \_\_\_

CIRCLE THE GREATEST COMMON FACTOR. Then use the GCF to simplify the fraction:

B) **Factors** of **9**: \_\_\_ x \_\_\_ \_\_\_ x \_\_\_ **Factors** of **21**: \_\_\_ x \_\_\_ \_\_\_ x \_\_\_

CIRCLE THE GREATEST COMMON FACTOR. Then use the GCF to simplify the fraction:

**3) For each improper fraction (fraction greater than one), divide the numerator by the denominator to get a MIXED NUMBER.**

A) = \_\_\_\_ ÷ \_\_\_\_ Divide and write the MIXED NUMBER.

B) = \_\_\_\_ ÷ \_\_\_\_ Divide and write the MIXED NUMBER.

C) = \_\_\_\_ ÷ \_\_\_\_ Divide and write the MIXED NUMBER.

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MATH HOMEWORK - **THURSDAY, NOVEMBER 8**

**1) USE NUMBER SENSE (you do not have to add or subtract) to determine if each sum is less than 1 or greater than 1:**

A) **CIRCLE ONE**: less than one greater than one

EXPLAIN HOW YOU KNOW: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B) **CIRCLE ONE**: less than one greater than one

EXPLAIN HOW YOU KNOW: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2) Determine if each statement is true or false. CIRCLE TRUE OR FALSE and EXPLAIN.**

A) **CIRCLE ONE**: true false

EXPLAIN HOW YOU KNOW: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B) **CIRCLE ONE**: true false

EXPLAIN HOW YOU KNOW: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3) Circle all of the fractions that are EQUIVALENT to . USE THE PROOF BOX for proof.**

**4)** There are 10 people at your birthday party. You have 8 candy bars to hand out. How many candy bars will each person receive if everyone receives an equal amount?

**5) Who do you agree with and why:**

**JUDY**: She believes that 2/3 is greater than 3/4. **KYRIE**: She believes that 3/4 is greater than 2/3.

WHO IS CORRECT? \_\_\_\_\_\_\_\_ HOW DO YOU KNOW? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6)** Create a number line that has the following fractions in their correct places.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_