NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MATH HOMEWORK - **MONDAY, OCTOBER 28**

**1)** You have 8 cans of playdough to share with 9 people. What **FRACTION** of the playdough will EACH person receive? (**NOTE**: All division problems can be written as fractions).

**2)** SIMPLIFY THE FOLLOWING FRACTIONS BY SHOWING PROOF. USE THE EXAMPLE BELOW.

**EXAMPLE**: SIMPLIFY **FACTORS OF 6**: 1, 2, 3, 6

**FACTORS OF 15**: 1, 3, 5, 15

GCF =

|  |  |
| --- | --- |
| **SIMPLIFY**  FACTORS OF \_\_\_:  FACTORS OF \_\_\_:  GCF = \_\_\_\_\_\_\_\_ | **SIMPLIFY**  FACTORS OF \_\_\_:  FACTORS OF \_\_\_:  GCF = \_\_\_\_\_\_\_\_ |

**3) USE > (greater than), = (equal to), or < (less than) to compare the following fractions.**

|  |  |  |
| --- | --- | --- |
| **PROOF:** | **PROOF:** | **PROOF:** |

**4)** COMPLETE THE FOLLOWING TABLE.

|  |  |  |
| --- | --- | --- |
| **I HAVE THIS MANY CANS OF PAINT:** | **I USED THIS FRACTION OF THE PAINT:** | **I HAVE THIS FRACTION LEFT:** |
| **1** |  |  |
| **1** |  |  |
| **1** |  |  |

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MATH HOMEWORK - **TUESDAY, OCTOBER 29**

**1) PLACE THE FOLLOWING FRACTIONS ON THE NUMBER LINE BELOW:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2) CIRCLE ALL OF THE CORRECT SUMS FOR THE FOLLOWING PROBLEM:**

**A)**  **B) C) D)**

**3) Use common denominators to add the fractions below:**

**4) Use common denominators to subtract the fractions below:**

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MATH HOMEWORK - **WEDNESDAY, OCTOBER 30**

**1)** You have 4 pieces of pizza to share with 10 people. What **FRACTION** of the pizza will EACH person receive? (**NOTE**: All division problems can be written as fractions).

**2)** SIMPLIFY THE FOLLOWING FRACTIONS BY SHOWING PROOF. USE THE EXAMPLE BELOW.

**EXAMPLE**: SIMPLIFY **FACTORS OF 6**: 1, 2, 3, 6

**FACTORS OF 15**: 1, 3, 5, 15

GCF =

|  |  |
| --- | --- |
| **SIMPLIFY**  FACTORS OF \_\_\_:  FACTORS OF \_\_\_:  GCF = \_\_\_\_\_\_\_\_ | **SIMPLIFY**  FACTORS OF \_\_\_:  FACTORS OF \_\_\_:  GCF = \_\_\_\_\_\_\_\_ |

**3) USE > (greater than), = (equal to), or < (less than) to compare the following fractions.**

|  |  |  |
| --- | --- | --- |
| **PROOF:** | **PROOF:** | **PROOF:** |

**4)** COMPLETE THE FOLLOWING TABLE.

|  |  |  |
| --- | --- | --- |
| **I HAVE THIS MANY CANS OF PAINT:** | **I USED THIS FRACTION OF THE PAINT:** | **I HAVE THIS FRACTION LEFT:** |
| **1** |  |  |
| **1** |  |  |
| **1** |  |  |