NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MATH HOMEWORK **MONDAY, SEPTEMBER 30**

**SHOW YOUR WORK. YOU MAY USE MULTIPLICATION TO SOLVE THESE PROBLEMS.**

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| **150 ÷ 25 = \_\_\_\_\_\_\_**   1. **5** 2. **6** 3. **10** | **240 ÷ 12 = \_\_\_\_\_\_\_**   1. **10** 2. **20** 3. **25** | **328 ÷ 41 = \_\_9\_\_\_\_\_**   1. **8** 2. **9** 3. **10** | **144 ÷ 16 = \_\_\_\_\_\_\_**   1. **7** 2. **8** 3. **9** |

**THE QUOTIENT FOR EACH PROBLEM WILL BE 6 and ½. You must decide what to do with the remainder based on the context of the problem.**

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| **You have 13 pieces of cake. You wish to split the cake equally amongst 2 people. How much cake will each person receive?**  **13 ÷ 2 = 6 ½**  **ANSWER: \_\_\_\_ pieces of cake** | **You have 13 pens. You wish to split the pens equally amongst 2 people. How many pens will each person receive?**  **13 ÷ 2 = 6 ½**  **ANSWER: \_\_\_\_ pens** | **2 people can fit in one GO KART. If 13 friends want to ride in a GO KART, how many GO KARTS will be needed?**  **13 ÷ 2 = 6 ½**  **ANSWER: \_\_\_\_ GO KARTS** |

**SOLVE EACH PROBLEM. WRITE EACH REMAINDER AS A FRACTION.**

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| **84 ÷ 3 = \_\_\_\_\_\_\_\_** | **431 ÷ 6 = \_\_\_\_\_\_\_\_** | **657 ÷ 11 = \_\_\_\_\_\_\_\_** |

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| **6 ÷ 2 = 3, however, 2 ÷ 6 is what fraction:** | **10 ÷ 1 = 10, however, 1 ÷ 10 is what fraction:** |

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| What is the **SUM** of 50 and 7? | What is the **DIFFERENCE** of 50 and 7? |
| What is the **PRODUCT** of 50 and 7? | What is the **QUOTIENT** of 50 and 7? |

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| 80 ÷ **A** = 20  **A** = \_\_\_\_\_\_\_\_ | 100 ÷ **A** = 25  **A** = \_\_\_\_\_\_\_\_ | 240 ÷ **A** = 12  **A** = \_\_\_\_\_\_\_\_ |