**Daily Math Review Complete Cycle**

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| --- | --- | --- |
| Category: Fractions on a Number Line (3.NF.2a) | Category: Subtracting with regrouping with a zero (3.NBT.2) | Category: Subtracting with two regroupings (3,NBT.2) |
| Misconception: Students do not understand where a fraction is represented on a 0-1 number line; knowing equal parts on a number line | Misconception: Students do not always know how and when to regroup multi-digit numbers. (1 regrouping with a zero) | Misconception: Students do not always know how and when to regroup multi-digit numbers. (2 regroupings) |
| 9 Questions:

|  |  |
| --- | --- |
| 1.Which shape on the number line represents ½? | 2. Which shape on the number line represents ¼? |
| 3.Which shape on the number line represents 3/4? | 4. Which shape on the number line represents 2/4? |
| 5. Which shape on the number line represents 4/4? | 6.  |
| 7. | 8. |
| 9. |

 | 9 Questions:

|  |  |
| --- | --- |
| 1.680-547 | 2.350-229 |
| 3.950-443 | 4.508-246 |
| 5.704-682 | 6. |
| 7. | 8. |
| 9. |

 | 9 Questions:

|  |  |
| --- | --- |
| 1.425-286 | 2.617-459 |
| 3.934-678 | 4.361-185 |
| 5.500-236 | 6. |
| 7. | 8. |
| 9. |

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| Key Statement: Fractions on a number line have equal parts. | Key Statement: Sometimes you need to regroup when solving a subtraction problem. | Key Statement: Sometimes you need to regroup more than once when solving a subtraction problem. |

1. Reflection Starters:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Next time I will  | 2. I didn’t understand #\_\_\_ because | 3. To help me solve this, I knew\_\_\_\_\_\_\_\_\_ | 4. I need to remember\_\_\_\_\_ because\_\_\_\_\_\_ | 5. I learned that |

**Daily Math Review Assessment**

*90% of the students need to get 100% on a category to “retire” the category.*

*2 – 4 questions per category.*

|  |  |
| --- | --- |
| **Category:**  | Fractions on a Number Line (3.NF.2a) |

**Questions:**

|  |  |  |  |
| --- | --- | --- | --- |
| Which shape on the number line represents ½? | Which shape on the number line represents 3/8? | Which shape on the number line represents 5/8? |  |

|  |  |
| --- | --- |
| **Category:**  | Subtracting with regrouping with a zero (3.NBT.2) |

**Questions:**

|  |  |  |  |
| --- | --- | --- | --- |
| **740-318** | **570-245** | **603-461** |  |

|  |  |
| --- | --- |
| **Category:**  | Subtracting with two regroupings (3,NBT.2) |

**Questions:**

|  |  |  |  |
| --- | --- | --- | --- |
| **743-356** | **460-179** | **852-584** |  |

**Number lines for Daily Math Review**

0

1

0

1

0

1

0

1

0

1

Daily Math Review Assessment Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0

1

**Fractions on a Number Line**

1. Which shape on the number line represents ½?
2. Which shape on the number line represents 3/8?
3. Which shape on the number line represents 5/8?

**Subtraction: 1 Regrouping and a Zero**

1. 740-318 =
2. 570-245 =
3. 603-461 =

**Subtraction: 2 Regroupings**

1. 743-356 =
2. 460-179 =
3. 852-584 =