Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

**2.4C Multiplying Fractions\_Classwork**

|  |  |  |  |
| --- | --- | --- | --- |
| Review   |  |  |  | | --- | --- | --- | | 1. (-12)(-5) = | 1. (1.3)(-0.1) = | 1. (-14)(4.4) = | |

|  |  |
| --- | --- |
| **Example 1** | **Example 2** |

|  |
| --- |
| 1. Change mixed fractions into improper fractions. Change whole number into a fraction by putting a 1 in the denominator 2. Determine if the answer is positive or negative 3. Simplify both fractions before multiplying if possible 4. Multiply both numerators 5. Multiply both denominators 6. Simplify the answer |

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  | 1. = |

**Multiplying Fractions Word Problems**

|  |  |
| --- | --- |
| 1. Bill wants to put a large mural on a wall that is feet long and feet wide. Find the area of the wall. If the mural is 100 square feet, will it fit on the wall? | 1. of today’s college students began using computers between the age of 5 and 8. If a college has 3,500 students, how many of the students began using computers between the ages of 5 and 8? |
| 1. A paper published in a medical journal reported that about of girls ages 16 to 17 do not exercise at all. The entire study consisted of about 2,500 girls. About how many did not exercise? | 1. Catherine walks her dog mile every day. How far does she walk each week? |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

**2.4C Multiplying Fractions\_ Homework**

