**Math Fractions Worksheet- grade 5-7**

**Questions for students to solve independently based on ability level**

Copy and cut sheets (without grade level titles) giving each student 5 questions based on ability

**Grade 5 ability: add and subtract fractions with like denominators**

 **(cut this section in half- 5 questions for each student)**

| **¼ + ¼**  |  | **6/12 + 2/12** |  |
| --- | --- | --- | --- |
| **⅝ - ⅜** |  | **1/11 + 3/11 + 6/11** |  |
| **8/10 - 2/10** |  | **8/10 - 2/10** |  |
| **1/9 + 2/9 + 5/9** |  | **⅝ - ⅜** |  |
| Tina realizes that she had 9/10 of a box of baking powder yesterday, but the supply is now down to 7/10 of a box. How much more baking powder did Tina have yesterday? |  | Tina realizes that she had 9/10 of a box of baking powder yesterday, but the supply is now down to 7/10 of a box. How much more baking powder did Tina have yesterday? |  |

**Grade 6 ability- add and subtract fractions with unlike denominators**

**(cut this section in half- 5 questions for each student)**

| ⅝ - ⅜ |  | 8/10 - 2/10 |  |
| --- | --- | --- | --- |
| When Jessica had one cat, she needed to serve 1/3 of a can of cat food each day. Now that Jessica has adopted a second cat, she needs to serve a total of 2/3 of a can each day. How much extra food is needed to feed the second cat? |  | Mrs. Hong baked apple pies for her family. The boys ate 9/10 of a pie and the girls ate 1/10 of a pie. How much more pie did the boys eat than the girls? |  |
| ¾ - ⅗ |  | 9 /10 - 1/2 |  |
| 7/9-1/6 |  | ⅚ - ¼  |  |
| Planet X is 7/10 of a light-year away from Earth. Planet Y is 2/5 of a light-year away from Earth. How much farther away is Planet X? |  | Planet X is 7/10 of a light-year away from Earth. Planet Y is 2/5 of a light-year away from Earth. How much farther away is Planet X? |  |

**Grade 7 ability- add and subtract fraction, including creating equivalent fractions**

 **(cut this section in half- 5 questions for each student)**

| ⅚ - ¼  |  | 4/12 + 2/6  |  |
| --- | --- | --- | --- |
| 16 4/11- 5 5/11 |  | 16 1/9 - 10 4/9 |  |
| While cooking a stew, Brody used 2/5 of a shaker of salt and 1/5 of a shaker of pepper. How much more salt did Brody use? |  | Each day, the polar bear at Lee's zoo eats 1 2/5 buckets of trout and 1 2/5 buckets of salmon. How many buckets of fish does the polar bear eat daily? |  |
| 10 3/7 + 1 5/7 |  | 10 3/7 + 1 5/7 |  |
| In preparation for a picnic, Katy made a salad with 1/2 of a bag of iceberg lettuce and 1/6 of a bag of Romaine lettuce. How many bags of lettuce did Katy use in all? |  | In preparation for a picnic, Katy made a salad with 1/2 of a bag of iceberg lettuce and 1/6 of a bag of Romaine lettuce. How many bags of lettuce did Katy use in all? |  |