|            | Fraction Word ProblemsName:e each problem.Write the answer as a mixed number fraction (if possible).  | <b>A</b>          |
|------------|---|-------------------|
|            |   | Answers           |
| 1)         | An old road was $3\frac{1}{3}$ miles long. After a renovation it was $1\frac{2}{5}$ times as long. How long was the road after the renovation?  | 1                 |
| 2)         | A bottle of sugar syrup soda had $1^{2/3}$ grams of sugar in it. If Cody drank 3 full bottles and $3^{3/4}$ of a bottle, how many grams of sugar did he drink?                              | 2.                |
| 3)         | Mike had a lump of silly putty that was $1\frac{1}{2}$ inches long. If he stretched it out to $1\frac{3}{5}$ times its current length how long would it be?                                 | 4                 |
| 4)         | Carol needed a piece of string to be exactly $2^{1/4}$ feet long. If the string she has is $2^{2/4}$ times as long as it should be, how long is the string?                                 | 6                 |
| 5)         | A package of paper weighs $2\frac{1}{5}$ ounces. If Adam put $3\frac{4}{5}$ packages of paper on a scale, how much would they weigh?  | 7.                |
| 6)         | A new washing machine used $3\frac{1}{3}$ gallons of water per full load to clean clothes. If Will washed $3\frac{2}{4}$ loads of clothes, how many gallons of water would be used?         | 9<br>10           |
| 7)         | A bottle of home-made cleaning solution took $1\frac{1}{3}$ milliliters of lemon juice. If Robin wanted to make $2\frac{2}{4}$ bottles, how many milliliters of lemon juice would she need? | 11                |
| 8)         | Faye had 1 full cement blocks and one that was $\frac{3}{4}$ the normal size. If each full block weighed $\frac{2^2}{3}$ pounds, what is the weight of the blocks Faye has?                 | 12                |
| <b>9</b> ) | A batch of chicken required $2^{3}_{5}$ cups of flour. If a fast food restaurant was making $2^{1}_{4}$ batches, how much flour would they need?  |                   |
| 10)        | A baby frog weighed $1\frac{4}{5}$ ounces. After a month it was $2\frac{1}{3}$ times as heavy, how much did the frog weigh after a month?   |                   |
| 11)        | A single box of thumb tacks weighed $1\frac{1}{5}$ ounces. If a teacher had $1\frac{3}{5}$ boxes, how much would their combined weight be?  |                   |
| 12)        | A bag of strawberry candy takes $2\frac{1}{5}$ ounces of strawberries to make. If you have $2\frac{2}{4}$ bags, how many ounces of strawberries did it take to make them?                   |                   |
|            |   | 58 50 42 22 25 17 |

Math

|            | Fraction Word Problems Name: An   | swer Key                                       |
|------------|---|--|
| Solv       | e each problem.Write the answer as a mixed number fraction (if possible).   | Answers  |
| 1)         | An old road was $3\frac{1}{3}$ miles long. After a renovation it was $1\frac{2}{5}$ times as long. How long was the road after the renovation?  | 14 <sup>10</sup> /                             |
| 2)         | A bottle of sugar syrup soda had $1^{2/3}$ grams of sugar in it. If Cody drank 3 full bottles and $3^{3/4}$ of a bottle, how many grams of sugar did he drink?                              | 2. $6^{3}/_{12}$<br>3. $2^{4}/_{10}$           |
| 3)         | Mike had a lump of silly putty that was $1\frac{1}{2}$ inches long. If he stretched it out to $1\frac{3}{5}$ times its current length how long would it be?                                 | 4. $5^{10}/_{16}$<br>5. $8^{9}/_{25}$          |
| 4)         | Carol needed a piece of string to be exactly $2^{1/4}$ feet long. If the string she has is $2^{2/4}$ times as long as it should be, how long is the string?                                 | 6. $11^{8}/_{12}$                              |
| 5)         | A package of paper weighs $2\frac{1}{5}$ ounces. If Adam put $3\frac{4}{5}$ packages of paper on a scale, how much would they weigh?  | 7. $\frac{3^{4}}{12}$<br>8. $\frac{4^{8}}{12}$ |
| 6)         | A new washing machine used $3\frac{1}{3}$ gallons of water per full load to clean clothes. If Will washed $3\frac{2}{4}$ loads of clothes, how many gallons of water would be used?         | 9. $5^{17}/_{20}$<br>10. $4^{3}/_{15}$         |
| 7)         | A bottle of home-made cleaning solution took $1\frac{1}{3}$ milliliters of lemon juice. If Robin wanted to make $2\frac{2}{4}$ bottles, how many milliliters of lemon juice would she need? | 11. $\frac{1^{23}}{5^{10}}$                    |
| 8)         | Faye had 1 full cement blocks and one that was $\frac{3}{4}$ the normal size. If each full block weighed $\frac{2^2}{3}$ pounds, what is the weight of the blocks Faye has?                 | 12. <b>3</b> / 20                              |
| <b>9</b> ) | A batch of chicken required $2\frac{3}{5}$ cups of flour. If a fast food restaurant was making $2\frac{1}{4}$ batches, how much flour would they need?                                      |  |
| 10)        | A baby frog weighed $1\frac{4}{5}$ ounces. After a month it was $2\frac{1}{3}$ times as heavy, how much did the frog weigh after a month?   |  |
| 11)        | A single box of thumb tacks weighed $1\frac{1}{5}$ ounces. If a teacher had $1\frac{3}{5}$ boxes, how much would their combined weight be?  |  |
| 12)        | A bag of strawberry candy takes $2\frac{1}{5}$ ounces of strawberries to make. If you have $2\frac{2}{4}$ bags, how many ounces of strawberries did it take to make them?                   |  |
|            | Math 2 1-10 92 83 75 67   | 58 50 42 33 25 17                              |

Math

K

|      |                                |  | tion Word Proble               |                                 | Name:                           |                                  |
|------|--------------------------------|--|--------------------------------|---------------------------------|---------------------------------|----------------------------------|
| Solv | Answers                        |  |                                |                                 |                                 |                                  |
|      | $2^{4}/_{10}$                  | $5^{10}/_{16}$   | $3^{4}/_{12}$                  | $4^{8}/_{12}$                   | $11^{8}/_{12}$                  | 1                                |
|      | 8 <sup>9</sup> / <sub>25</sub> | $5^{17}/_{20}$   | 4 <sup>3</sup> / <sub>15</sub> | 6 <sup>3</sup> / <sub>12</sub>  | 4 <sup>10</sup> / <sub>15</sub> |                                  |
| 1)   |                                | vas $3\frac{1}{3}$ miles long. the renovation?   | After a renovation i           | t was $1^2/_5$ times as 2       | long. How long was              | 2.       3.                      |
| 2)   |                                | igar syrup soda had<br>, how many grams o  | 6 -                            | -                               | x 3 full bottles and            | 4<br>5                           |
| 3)   |                                | Imp of silly putty the<br>ligth how long would   |                                | ong. If he stretched            | it out to $1^3/_5$ times        | <ul> <li>6</li> <li>7</li> </ul> |
| 4)   |                                | a piece of string to hould be, how long  |                                | long. If the string s           | he has is $2^2/_4$ times        | 8                                |
| 5)   | A package of much would        |  | unces. If Adam put             | $3^4/_5$ packages of pa         | aper on a scale, how            | 10                               |
| 6)   |                                | ng machine used $3^{1}$ , boundary particular particula |                                |                                 |                                 |                                  |
| 7)   |                                | to me-made cleaning ske $2^{2}/_{4}$ bottles, how  |                                |                                 |                                 |                                  |
| 8)   |                                | Ill cement blocks and pounds, what is the  |                                |                                 | ach full block                  |                                  |
| 9)   |                                | icken required $2^{3}/_{5}$ cmuch flour would the  |                                | st food restaurant v            | was making $2\frac{1}{4}$       |                                  |
| 10)  |                                | weighed $1\frac{4}{5}$ ounces.<br>h after a month?   | After a month it w             | $as 2\frac{1}{3}$ times as heat | wy, how much did                |                                  |
|      | Math                           | Modif<br>www.CommonC   |                                | 2                               | 1-10 90 80 70 60                | 50 40 30 20 10 0                 |