|       | Understanding Division Problems   | Name:                      |           |
|-------|---|----------------------------|-----------|
| Use 1 | the completed division problem to answer the question.  |                            | Answers   |
| 1)    | A box can hold two brownies. If a baker made nine brownies, how many full boxes of brownies did he make?  | $9\div 2 = 4 r1$           | 1         |
| 2)    | Roger had eighteen pieces of candy. If he wants to split the candy into eight bags with the same amount of candy in each bag, how many more pieces  | $18 \div 8 = 2 r^2$        | 2<br>3    |
| 3)    | would he need to make sure each bag had the same amount?<br>Edward has to sell fifty-eight chocolate bars to win a trip. If each box  | 50.0.0                     | 4         |
| 4)    | A botanist picked thirty-nine flowers. She wanted to put them into four   | 38÷0 = 9 r4                | 6         |
| -)    | bouquets with the same number of flowers in each. How many more should<br>she pick so she doesn't have any extra?   | $39 \div 4 = 9 r3$         | 7.     8. |
| 5)    | A restaurant needs to buy nine new plates. If each box has two plates in it, how many boxes will they need to buy?  | $9\div 2 = 4 r1$           | 9         |
| 6)    | Mike wanted to give each of his three friends an equal amount of candy. At<br>the store he bought sixteen pieces total to give to them. He many more<br>pieces should he have bought so he didn't have any extra? | 16÷3 = 5 r1                | 10        |
| 7)    | A box of cupcakes cost \$three. If you had twenty dollars and bought as<br>many boxes as you could, how much money would you have left?   | $20 \div 3 = 6 \text{ r}2$ |           |
| 8)    | The roller coaster at the state fair costs four tickets per ride. If you had thirty tickets, how many tickets would you have left if you rode it as many times as you could?                                      | $30 \div 4 = 7 \text{ r}2$ |           |
| 9)    | An industrial machine can make sixty-seven crayons a day. If each box of crayons has nine crayons in it, how many full boxes does the machine make a day?   | 67÷9 = 7 r4                |           |
| 10)   | Adam bought seventy-seven pieces of candy to give to eight of his friends.<br>If he wants to give each friend the same amount, how many pieces would<br>he have left over?  | 77÷8 = 9 r5                |           |

|            | Understanding Division Problems   | Name:             | Answer Key                    |
|------------|---|-------------------|-------------------------------|
| Use        | the completed division problem to answer the question.  |                   | Answers                       |
| 1)         | A box can hold two brownies. If a baker made nine brownies, how many full boxes of brownies did he make?  | $9 \div 2 = 4 r1$ | 14                            |
| 2)         | Roger had eighteen pieces of candy. If he wants to split the candy into eight   |                   | 2                             |
|            | bags with the same amount of candy in each bag, how many more pieces<br>would he need to make sure each bag had the same amount?  | $18 \div 8 = 2 r$ | 2 3. <u>10</u><br>4. <u>1</u> |
| 3)         | Edward has to sell fifty-eight chocolate bars to win a trip. If each box contains six chocolate bars, how many boxes will he need to sell to win the trip?  | $58 \div 6 = 9 r$ | 5. <u>5</u>                   |
|            |   |                   | 6                             |
| 4)         | A botanist picked thirty-nine flowers. She wanted to put them into four<br>bouquets with the same number of flowers in each. How many more should<br>she pick so she doesn't have any extra?                      | 39÷4 = 9 r        | 3 7. 2                        |
|            |   |                   | 8. <b>2</b>                   |
| 5)         | A restaurant needs to buy nine new plates. If each box has two plates in it, how many boxes will they need to buy?  | $9 \div 2 = 4 r1$ | 9. 7                          |
|            |   |                   | 5                             |
| 6)         | Mike wanted to give each of his three friends an equal amount of candy. At<br>the store he bought sixteen pieces total to give to them. He many more<br>pieces should he have bought so he didn't have any extra? | $16 \div 3 = 5 r$ | ·1                            |
| 7)         | A box of cupcakes cost \$three. If you had twenty dollars and bought as<br>many boxes as you could, how much money would you have left?   | $20 \div 3 = 6$ r | 2                             |
| 8)         | The roller coaster at the state fair costs four tickets per ride. If you had thirty tickets, how many tickets would you have left if you rode it as many times as you could?                                      | 30÷4 = 7 r        | 2                             |
| <b>9</b> ) | An industrial machine can make sixty-seven crayons a day. If each box of crayons has nine crayons in it, how many full boxes does the machine make a day?   | $67 \div 9 = 7 r$ | 4                             |
| 10)        | Adam bought seventy-seven pieces of candy to give to eight of his friends.<br>If he wants to give each friend the same amount, how many pieces would<br>he have left over?  | 77÷8 = 9 r        | -5                            |

Math

|  |   | Understan   | ding Division   | Problems   | Name:                      |         |  |  |  |
|--|---|---|---|--|----------------------------|---------|--|--|--|
| Use the completed division problem to answer the question. |   |   |   |  |                            |         |  |  |  |
| $\square$  | 4   | 6   | 2   | 1  | 10                         |         |  |  |  |
|  | 5   | 7   | 2   | 2  | 5                          | 1       |  |  |  |
| 1)   | A box can hold<br>full boxes of bro                       | two brownies. If a<br>ownies did he mak                                 | n baker made nine<br>te?  | e brownies, how many   | $9 \div 2 = 4 r1$          | 2<br>3  |  |  |  |
| 2)   | Roger had eight<br>bags with the sa<br>would he need t    | teen pieces of canc<br>ame amount of can<br>to make sure each           | dy. If he wants to<br>dy in each bag, h<br>bag had the same     | split the candy into eight<br>ow many more pieces<br>amount? | $18 \div 8 = 2 \text{ r}2$ | 4<br>5  |  |  |  |
| 3)   | Edward has to s<br>contains six cho<br>trip?              | sell fifty-eight choo<br>ocolate bars, how r                            | colate bars to win<br>nany boxes will h                         | a trip. If each box<br>he need to sell to win the            | 58÷6 = 9 r4                | 6<br>7. |  |  |  |
| 4)   | A botanist picked<br>bouquets with the<br>she pick so she | ed thirty-nine flow<br>he same number of<br>doesn't have any e          | ers. She wanted t<br>f flowers in each.<br>extra?               | o put them into four<br>How many more should                 | $39 \div 4 = 9 r3$         | 8.      |  |  |  |
| 5)   | A restaurant new<br>how many boxe                         | eds to buy nine nev<br>es will they need to                             | w plates. If each b<br>buy?                                     | oox has two plates in it,                                    | $9 \div 2 = 4 r1$          | 9<br>10 |  |  |  |
| 6)   | Mike wanted to<br>the store he bou<br>pieces should he    | give each of his the structure of the sixteen pieces e have bought so h | hree friends an eq<br>total to give to th<br>he didn't have any | ual amount of candy. At<br>nem. He many more<br>extra?       | $16 \div 3 = 5 r1$         |         |  |  |  |
| 7)   | A box of cupcal<br>many boxes as                          | kes cost \$three. If<br>you could, how m                                | you had twenty d<br>uch money would                             | ollars and bought as<br>I you have left?                     | $20 \div 3 = 6 \text{ r}2$ |         |  |  |  |
| 8)   | The roller coast<br>thirty tickets, ho<br>times as you co | er at the state fair<br>ow many tickets w<br>uld?                       | costs four tickets<br>ould you have lef                         | per ride. If you had<br>ft if you rode it as many            | $30 \div 4 = 7 \text{ r}2$ |         |  |  |  |
| 9)   | An industrial m<br>crayons has nin<br>a day?              | achine can make s<br>e crayons in it, hov                               | ixty-seven crayor<br>w many full boxe                           | ns a day. If each box of s does the machine make             | 67÷9 = 7 r4                |         |  |  |  |
| 10)  | Adam bought so<br>If he wants to g<br>he have left ove    | eventy-seven piece<br>ive each friend the<br>er?                        | es of candy to giv<br>e same amount, ho                         | e to eight of his friends.<br>ow many pieces would           | 77÷8 = 9 r5                |         |  |  |  |