| | Understanding Division Problems | Name: | |
|------------|---|----------------------------|-------------|
| Use | the completed division problem to answer the question. | | Answers |
| 1) | A coat factory had eleven coats. If they wanted to put them into three boxes, with the same number of coats in each box, how many extra coats would they have left over? | 11÷3 = 3 r2 | 1 2. |
| 2) | A truck can hold seven boxes. If you needed to move forty-seven boxes across town, how many trips would you need to make? | $47 \div 7 = 6 \text{ r5}$ | 3. |
| 3) | Isabel had fifty songs on her mp3 player. If she wanted to put the songs equally into six different playlists, how many songs would she have left over? | $50 \div 6 = 8 \text{ r}2$ | 4 5 6 |
| 4) | A cafeteria was putting milk cartons into stacks. They had nineteen cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make? | 19÷4 = 4 r3 | 7 |
| 5) | Cody is trying to earn fifty dollars for some new toys. If he charges six dollars to mow a lawn, how many lawns will he need to mow to earn the money? | $50 \div 6 = 8 \text{ r}2$ | 9 |
| 6) | The roller coaster at the state fair costs four tickets per ride. If you had ten tickets, how many tickets would you have left if you rode it as many times as you could? | $10 \div 4 = 2 \text{ r}2$ | |
| 7) | A botanist picked eight flowers. She wanted to put them into three bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? | $8 \div 3 = 2 r2$ | |
| 8) | A vat of orange juice was thirty-nine pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass? | 39÷4 = 9 r3 | |
| 9) | Carol had saved up twenty-eight quarters and decided to spend them on sodas. If it costs three quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda? | 28÷3 = 9 r1 | |
| 10) | Olivia wanted to drink exactly seven bottles of water each day, so she bought forty-five bottles when they were on sale. How many more bottles will she need to buy on the last day? | 45÷7 = 6 r3 | |

4

Math

| | Understanding Division Problems | Name: | Answer Key |
|-----|---|--------------------|--|
| 1) | A coat factory had eleven coats. If they wanted to put them into three boxes, with the same number of coats in each box, how many extra coats would they have left over? | 11÷3 = 3 1 | 2 1. <u>2</u> 2 7 |
| 2) | A truck can hold seven boxes. If you needed to move forty-seven boxes across town, how many trips would you need to make? | 47÷7 = 6 1 | -5 2 <u>2</u> 3. <u>2</u> |
| 3) | Isabel had fifty songs on her mp3 player. If she wanted to put the songs equally into six different playlists, how many songs would she have left over? | 50÷6 = 8 1 | $2 \begin{bmatrix} 4 & -4 \\ 5 & -9 \end{bmatrix}$ |
| 4) | A cafeteria was putting milk cartons into stacks. They had nineteen cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make? | 19÷4 = 4 ı | -3 7. <u>1</u> 8. <u>9</u> |
| 5) | Cody is trying to earn fifty dollars for some new toys. If he charges six dollars to mow a lawn, how many lawns will he need to mow to earn the money? | 50÷6 = 8 1 | -2 9. <u>2</u> 10. <u>4</u> |
| 6) | The roller coaster at the state fair costs four tickets per ride. If you had ten tickets, how many tickets would you have left if you rode it as many times as you could? | 10÷4 = 2 ∎ | 2 |
| 7) | A botanist picked eight flowers. She wanted to put them into three bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? | $8 \div 3 = 2 r^2$ | |
| 8) | A vat of orange juice was thirty-nine pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass? | 39÷4 = 9 1 | 3 |
| 9) | Carol had saved up twenty-eight quarters and decided to spend them on sodas. If it costs three quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda? | 28÷3 = 9 1 | ·1 |
| 10) | Olivia wanted to drink exactly seven bottles of water each day, so she bought forty-five bottles when they were on sale. How many more bottles will she need to buy on the last day? | 45÷7 = 6 1 | -3 |

4

Math

| | | Understar | nding Division F | Problems | Name: | | |
|-----------|---|--|---|---|----------------------------|---------------|---------|
| Use | the completed div | vision problem | to answer the que | stion. | | | Answers |
| \square | 4 | 2 | 1 | 9 | 2 | | |
| | 2 | 4 | 7 | 9 | 2 | 1. | |
| 1) | A coat factory ha boxes, with the s would they have | ad eleven coats. I ame number of c left over? | f they wanted to provide the provided | ut them into three now many extra coats | $11 \div 3 = 3 r^2$ | 2. | |
| 2) | A truck can hold across town, how | seven boxes. If your many trips wou | you needed to mov Ild you need to mal | re forty-seven boxes ke? | 47÷7 = 6 r5 | 4. | |
| 3) | Isabel had fifty s equally into six d over? | ongs on her mp3 lifferent playlists | player. If she wan s, how many songs | ted to put the songs would she have left | $50 \div 6 = 8 \text{ r}2$ | 5. 6. 7 | |
| 4) | A cafeteria was p and were putting many full stacks | outting milk carto them into stacks could they make | ons into stacks. The s with four cartons ? | ey had nineteen cartons in each stack. How | $19 \div 4 = 4 r3$ | 8 | |
| 5) | Cody is trying to dollars to mow a money? | earn fifty dollar lawn, how many | s for some new toy awns will he nee | rs. If he charges six d to mow to earn the | $50 \div 6 = 8 \text{ r}2$ | 9. 10. | |
| 6) | The roller coaste tickets, how man as you could? | r at the state fair y tickets would y | costs four tickets p you have left if you | per ride. If you had ten 1 rode it as many times | $10 \div 4 = 2 \text{ r}2$ | | |
| 7) | A botanist picked with the same nu so she doesn't ha | d eight flowers. S mber of flowers ve any extra? | She wanted to put t in each. How man | hem into three bouquets y more should she pick | $8 \div 3 = 2 r2$ | | |
| 8) | A vat of orange j into four glasses would be in each | uice was thirty-r with the same ar glass? | nine pints. If you w nount in each glass | anted to pour the vat s, how many pints | $39 \div 4 = 9 r3$ | | |
| 9) | Carol had saved sodas. If it costs many more quart | up twenty-eight three quarters for ters would she ne | quarters and decide r each soda from a eed to buy the final | ed to spend them on soda machine, how soda? | 28÷3 = 9 r1 | | |
| 10) | Olivia wanted to bought forty-five will she need to b | drink exactly se bottles when the buy on the last da | ven bottles of wate ey were on sale. He ay? | er each day, so she ow many more bottles | 45÷7 = 6 r3 | | |