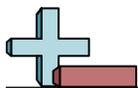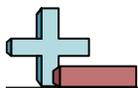**Solve each problem.**

1) A movie theater needed eight hundred eighty-six popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?

2) There are six hundred thirty-nine students going to a trivia competition. If each school van can hold two students, how many vans will they need?

3) A cafeteria was putting milk cartons into stacks. They had seven hundred ninety-nine cartons and were putting them into stacks with two cartons in each stack. How many full stacks could they make?

4) A store owner had five employees and bought six hundred seventy-two uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

5) Frank wanted to give each of his seven friends an equal amount of candy. At the store he bought four hundred ninety-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

6) Rachel is making bead necklaces. She wants to use seven hundred forty-nine beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

7) An industrial machine can make nine hundred twenty-seven crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make a day?

8) Adam had four hundred forty-two baseball cards he's putting into a binder with nine on each page. How many cards will he have on the page that isn't full?

9) A baker had nine boxes for donuts. He ended up making five hundred thirty-eight donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

10) A school had six hundred seventy-seven students sign up for the trivia teams. If they wanted to have five team, with the same number of students on each team, how many more students would need to sign up?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Answer Key

Solve each problem.

1) A movie theater needed eight hundred eighty-six popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?

$886 \div 4 = 221$ r2

1.   **222**

2.   **320**

2) There are six hundred thirty-nine students going to a trivia competition. If each school van can hold two students, how many vans will they need?

$639 \div 2 = 319$ r1

3.   **399**

4.   **3**

3) A cafeteria was putting milk cartons into stacks. They had seven hundred ninety-nine cartons and were putting them into stacks with two cartons in each stack. How many full stacks could they make?

$799 \div 2 = 399$ r1

5.   **5**

6.   **1**

4) A store owner had five employees and bought six hundred seventy-two uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

$672 \div 5 = 134$ r2

7.   **231**

8.   **1**

5) Frank wanted to give each of his seven friends an equal amount of candy. At the store he bought four hundred ninety-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

$499 \div 7 = 71$ r2

9.   **7**

10.   **3**

6) Rachel is making bead necklaces. She wants to use seven hundred forty-nine beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

$749 \div 4 = 187$ r1

7) An industrial machine can make nine hundred twenty-seven crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make a day?

$927 \div 4 = 231$ r3

8) Adam had four hundred forty-two baseball cards he's putting into a binder with nine on each page. How many cards will he have on the page that isn't full?

$442 \div 9 = 49$ r1

9) A baker had nine boxes for donuts. He ended up making five hundred thirty-eight donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

$538 \div 9 = 59$ r7

10) A school had six hundred seventy-seven students sign up for the trivia teams. If they wanted to have five team, with the same number of students on each team, how many more students would need to sign up?

$677 \div 5 = 135$ r2

Division Word Problems (3÷1) w/ Remainder   Name:

Solve each problem.

1) A movie theater needed 886 popcorn buckets. If each package has 4 buckets in it, how many packages will they need to buy?

2) There are 639 students going to a trivia competition. If each school van can hold 2 students, how many vans will they need?

3) A cafeteria was putting milk cartons into stacks. They had 799 cartons and were putting them into stacks with 2 cartons in each stack. How many full stacks could they make?

4) A store owner had 5 employees and bought 672 uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

5) Frank wanted to give each of his 7 friends an equal amount of candy. At the store he bought 499 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

6) Rachel is making bead necklaces. She wants to use 749 beads to make 4 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

7) An industrial machine can make 927 crayons a day. If each box of crayons has 4 crayons in it, how many full boxes does the machine make a day?

8) Adam had 442 baseball cards he's putting into a binder with 9 on each page. How many cards will he have on the page that isn't full?

9) A baker had 9 boxes for donuts. He ended up making 538 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

10) A school had 677 students sign up for the trivia teams. If they wanted to have 5 team, with the same number of students on each team, how many more students would need to sign up?