

Math 6 - Unit 1: Number System Fluency

Interpreting Remainders Practice

Name: _____

Class Period: 1 2 3 4 Date: _____

1) HOMEWORK Lisa solved 448 math problems for homework over 28 days. If she solved the same number of problems each day, how many problems did she solve per day?

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

2) SCHOOL There are 32 students in a math class. Each table in the classroom seats 6 students. How many tables will be needed to seat all of the students?

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

3) MEALS Sandra helped serve meals to 25 families. Each family received the same amount of food. If she served 275 pounds of food, how many pounds of food did each family receive?

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

4) BATTERIES A teacher bought a package of 17 batteries to put in her calculators. Each calculator uses 3 batteries. How many calculators can the teacher fill with batteries?

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

5) BABYSITTING Daisy earned \$70 for 8 hours of babysitting. How much did she earn per hour?

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

6) FARMING Kevin and his sisters picked 105 pounds of grapes to sell at a local farmer's market. They split the grapes evenly into 30 bags. How many pounds of grapes were in each bag?

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

7) AT HOME Meg has a new bookcase for her bedroom with 6 shelves. Each shelf holds 8 books. If Meg has 50 books, how many books will not fit on the bookcase?

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

8) DELIVERIES Mr. Thomas is delivering bricks to a construction site. His truck holds 387 bricks at one time. The builder has ordered 2,800 bricks. How many trips will Mr. Thomas have to make to deliver all the bricks?

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

Math 6 - Unit 1: Number System Fluency
Interpreting Remainders Practice **ANSWER KEY**

Name: _____

Class Period: 1 2 3 4 Date: _____

1) HOMEWORK Lisa solved 448 math problems for homework over 28 days. If she solved the same number of problems each day, how many problems did she solve per day? **She solved 16 problems per day. (No Remainder)**

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

2) SCHOOL There are 32 students in a math class. Each table in the classroom seats 6 students. How many tables will be needed to seat all of the students? **6 tables will be needed. They won't all be full, but 6 are needed to make sure all students have a seat. (Round Up)**

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

3) MEALS Sandra helped serve meals to 25 families. Each family received the same amount of food. If she served 275 pounds of food, how many pounds of food did each family receive? **Each family received 11 pounds of food. (No Remainder)**

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

4) BATTERIES A teacher bought a package of 17 batteries to put in her calculators. Each calculator uses 3 batteries. How many calculators can the teacher fill with batteries? **The teacher can fill 5 calculators. She will have 2 batteries left, but there isn't enough to fill another calculator. (Round Down)**

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

5) **FOOTBALL** Daisy earned \$70 for 8 hours of babysitting. How much did she earn per hour? **Daisy earns \$8.75 per hour. (Decimal Remainder)**

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

6) **FARMING** Kevin and his sisters picked 105 pounds of grapes to sell at a local farmer's market. They split the grapes evenly into 30 bags. How many pounds of grapes were in each bag? **There will be 3 1/2 pounds in each bag. (Fraction or Decimal Remainder)**

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

7) **AT HOME** Meg has a new bookcase for her bedroom with 6 shelves. Each shelf holds 8 books. If Meg has 50 books, how many books will not fit on the bookcase? **2 books will not fit on the shelves. (Round Down)**

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder

8) **DELIVERIES** Mr. Thomas is delivering bricks to a construction site. His truck holds 387 bricks at one time. The builder has ordered 2,800 bricks. How many trips will Mr. Thomas have to make to deliver all the bricks? **8 trips will be needed to deliver all the bricks. The truck won't always be full, but you can't leave part of the order out because the truck won't be full when you deliver them. (Round Up)**

What will you do with the remainder?

Choose 1:

- There is no remainder
- Round UP
- Round DOWN
- Use Fraction Remainder
- Use Decimal Remainder