

Remainder Word Problems

Name: _____

Grade 4 · Divide, then use the remainder the way each story needs

A. Same numbers, different questions.

$58 \div 8 = 7 \text{ R } 2$. Use it to answer all three.

1. 58 people come to a party. Each table seats 8. How many tables are needed so everyone can sit? Answer: _____ tables
2. 58 pencils are packed in boxes of 8. How many boxes are full? Answer: _____ boxes
3. 58 pencils are packed in boxes of 8. How many pencils are left over? Answer: _____ pencils

B. Solve each story. Think about what the remainder means.

4. 130 campers are coming to camp. Each tent sleeps 6 campers. How many tents are needed?

Show your work.

Answer: _____ tents

5. A farm packs 250 apples in bags of 8. How many bags are full?

Show your work.

Answer: _____ bags

6. A year has 365 days. How many full weeks are in a year?

Show your work.

Answer: _____ weeks

7. 214 cookies are shared equally by 9 classes. The cookies left over go to the office. How many cookies go to the office?

Show your work.

Answer: _____ cookies

8. A ferry carries 9 cars on each trip. 120 cars are waiting. How many trips does the ferry make to carry them all?

Show your work.

Answer: _____ trips

9. Ms. Diaz has \$75. Each book costs \$8. How many books can she buy?

Show your work.

Answer: _____ books

Remainder Word Problems (Answer Key)

Grade 4 · Divide, then use the remainder the way each story needs

A. Same numbers, different questions.

$58 \div 8 = 7 \text{ R } 2$. Use it to answer all three.

- | | |
|---|------------------------------|
| 1. 58 people come to a party. Each table seats 8. How many tables are needed so everyone can sit? | Answer: <u> 8 </u> tables |
| 2. 58 pencils are packed in boxes of 8. How many boxes are full? | Answer: <u> 7 </u> boxes |
| 3. 58 pencils are packed in boxes of 8. How many pencils are left over? | Answer: <u> 2 </u> pencils |

B. Solve each story. Think about what the remainder means.

4. 130 campers are coming to camp. Each tent sleeps 6 campers. How many tents are needed?

$130 \div 6 = 21 \text{ R } 4$, so 22

Answer: 22 tents

5. A farm packs 250 apples in bags of 8. How many bags are full?

$250 \div 8 = 31 \text{ R } 2$, so 31

Answer: 31 bags

6. A year has 365 days. How many full weeks are in a year?

$365 \div 7 = 52 \text{ R } 1$, so 52

Answer: 52 weeks

7. 214 cookies are shared equally by 9 classes. The cookies left over go to the office. How many cookies go to the office?

$214 \div 9 = 23 \text{ R } 7$, so 7

Answer: 7 cookies

8. A ferry carries 9 cars on each trip. 120 cars are waiting. How many trips does the ferry make to carry them all?

$120 \div 9 = 13 \text{ R } 3$, so 14

Answer: 14 trips

9. Ms. Diaz has \$75. Each book costs \$8. How many books can she buy?

$75 \div 8 = 9 \text{ R } 3$, so 9

Answer: 9 books