

Name _____

Remainders

COMMON CORE STANDARD CC.4.NBT.6

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Use counters to find the quotient and remainder.

1. $13 \div 4$

3 r1

2. $24 \div 7$

3. $39 \div 5$

4. $36 \div 8$

5. $6 \overline{)27}$

6. $25 \div 9$

7. $3 \overline{)17}$

8. $26 \div 4$

Divide. Draw a quick picture to help.

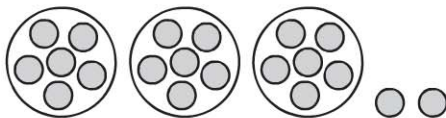
9. $14 \div 3$

10. $5 \overline{)29}$

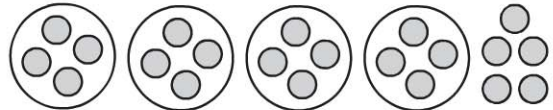
Problem Solving



11. What is the quotient and remainder in the division problem modeled below?



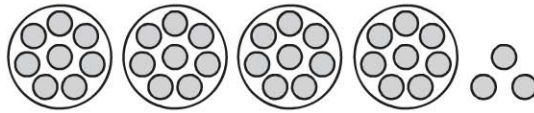
12. Mark drew the following model and said it represented the problem $21 \div 4$. Is Mark's model correct? If so, what is the quotient and remainder? If not, what is the correct quotient and remainder?



Lesson Check (CC.4.NBT.6)

1. What is the quotient and remainder for $32 \div 6$?
- (A) 4 r3
 - (B) 5 r1
 - (C) 5 r2
 - (D) 6 r1

2. What is the remainder in the division problem modeled below?



- (A) 8
- (B) 4
- (C) 3
- (D) 1

Spiral Review (CC.4.OA.3, CC.4.NBT.2, CC.4.NBT.5)

3. Each kit to build a castle contains 235 parts. How many parts are in 4 of the kits? (Lesson 2.6)
- (A) 1,020
 - (B) 940
 - (C) 920
 - (D) 840

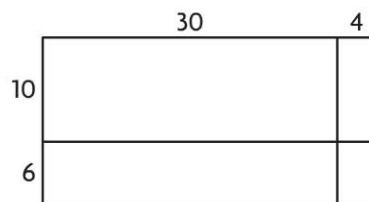
4. In 2010, the population of Alaska was about 710,200. What is this number written in word form? (Lesson 1.2)
- (A) seven hundred ten thousand, two
 - (B) seven hundred twelve thousand
 - (C) seventy-one thousand, two
 - (D) seven hundred ten thousand, two hundred

5. At the theater, one section of seats has 8 rows with 12 seats in each row. In the center of the first 3 rows are 4 broken seats that cannot be used. How many seats can be used in the section?

(Lesson 2.9)

- (A) 84
- (B) 88
- (C) 92
- (D) 96

6. What partial products are shown by the model below? (Lesson 3.4)



- (A) 300, 24
- (B) 300, 600, 40, 60
- (C) 300, 60, 40, 24
- (D) 300, 180, 40, 24