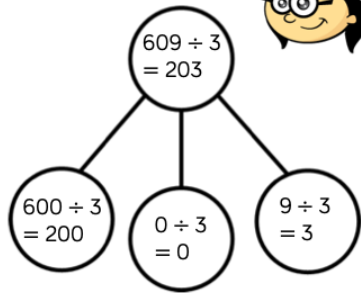


LO: Divide 3 Digit by 1 Digit

Practice

Annie is dividing 609 by 3 using place value counters.

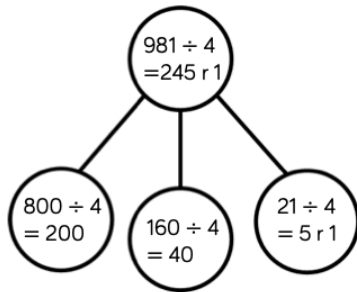
| Hundreds | Tens | Ones |
|----------|------|-------|
| 100 100 | | 1 1 1 |
| 100 100 | | 1 1 1 |
| 100 100 | | 1 1 1 |



Use Annie's method to calculate the divisions.

906 ÷ 3 884 ÷ 4 884 ÷ 8 489 ÷ 2

Rosie is using flexible partitioning to divide 3-digit numbers. She uses her place value counters to support her.



| Hundreds | Tens | Ones |
|----------|-------------|-----------------|
| 100 100 | 10 10 10 10 | 1 1 1 1 1 1 1 1 |
| 100 100 | 10 10 10 10 | 1 1 1 1 1 1 1 1 |
| 100 100 | 10 10 10 10 | 1 1 1 1 1 1 1 1 |

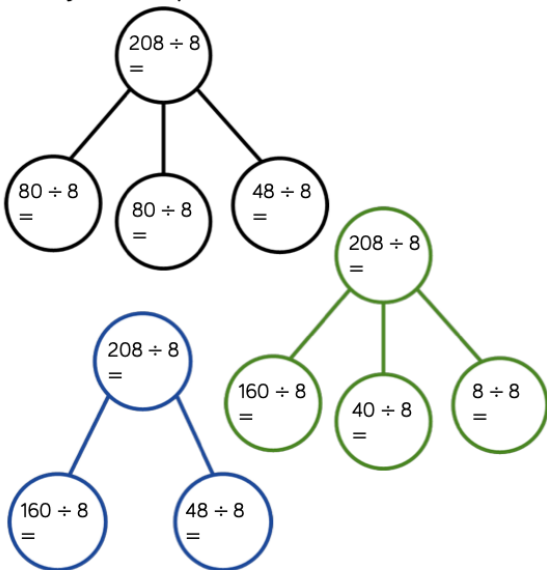


Use Rosie's method to solve:
 726 ÷ 6
 846 ÷ 6
 846 ÷ 7

Reasoning

Dexter is calculating 208 ÷ 8 using part-whole models.

Can you complete each model?

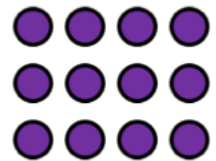


How many part-whole models can you make to calculate 132 ÷ 4?

Problem Solving

You have 12 counters and the place value grid. You must use all 12 counters to complete the following.

| Hundreds | Tens | Ones |
|----------|------|------|
| | | |



- Create a 3-digit number divisible by 2
- Create a 3-digit number divisible by 3
- Create a 3-digit number divisible by 4
- Create a 3-digit number divisible by 5
- Can you find a 3-digit number divisible by 6, 7, 8 or 9?