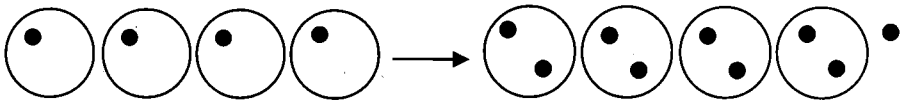
NS5-38: Remainders

Guy wants to share 9 apples with 3 friends.
He sets out 4 plates, one for himself and one for each of his friends.
He puts one apple at a time on a plate:



There is one apple left over.

9 apples cannot be shared equally into 4 sets. Each person gets 2 apples, but one is left over.

9 ÷ 4 = 2 Remainder 1 OR 9 ÷ 4 = 2 R 1

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1. Can you share 7 apples equally onto 2 plates? Show your work using dots and circles:

2. Share the dots as equally as possible among the circles.

   a) 8 dots in 3 circles

   ____ dots in each circle; ____ dots remaining

   b) 13 dots in 4 circles

   ____ dots in each circle; ____ dot remaining

3. Share the dots as equally as possible. Draw a picture and write a division statement.

   Example: 9 dots in 2 circles

   

   9 ÷ 2 = 4 R1

   a) 14 dots in 4 circles

   b) 18 dots in 6 circles

   c) 17 dots in 4 circles

   d) 22 dots in 3 circles

4. Five children want to share 22 sea shells.
   How many shells will each child receive?
   How many will be left over?

5. Find two different ways to share 29 pens into equal groups so that one is left over.

6. Four friends have more than 7 stickers and less than 13 stickers.
   They share the stickers evenly. How many stickers do they have?
   (Is there more than one answer?)