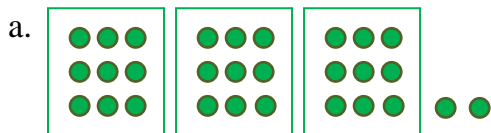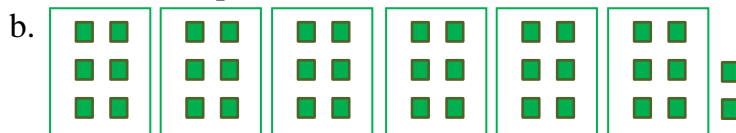# tutorified

4.NBT.B.6 Identify Divisors, Quotients and Remainders

4.NBT.B.6 Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors

1. Write the division sentence. Identify dividend, divisor, quotient, and remainder.

   a.

   Solution:
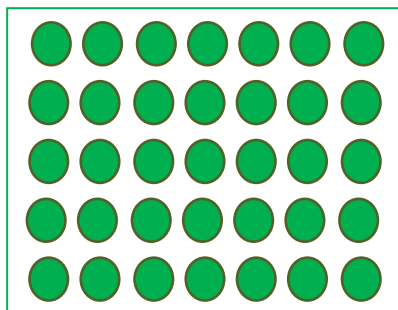
   b.

   Solution:

2. Divide as directed and find the quotient and remainder.

   a. Divide by 6.

   b. Divide by 9.

   Solution:

3. Divide. Find the quotient and remainder. Use counters or pictures to help.

   a. $25 \div 4 =$
   b. $53 \div 5 =$
   c. $39 \div 8 =$
   d. $17 \div 9 =$

   Solution:
   a.
   b.
   c.
   d.

   e. $33 \div 6 =$
   f. $29 \div 7 =$
   g. $46 \div 6 =$
   h. $26 \div 5 =$

   Solution:
   e.
   f.
   g.
   h.

4. Darren has 25 dollars. He wants to buy few polo shirts. Each polo shirt costs $7. How many polo shirts can she buy and how much money will be left? Write a division sentence and draw a picture to show the sentence.
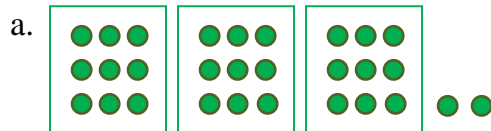
   Solution:

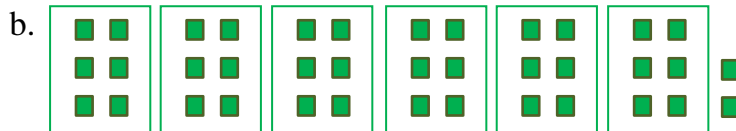## 4.NBT.B.6 Identify Divisors, Quotients and Remainders

4.NBT.B.6 Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors

1. Write the division sentence. Identify dividend, divisor, quotient, and remainder.

   a.

   b.

   Solution: $29 \div 3 =$
   Quotient = 9; Dividend = 29;
   Divisor = 3; Remainder = 2

   Solution: $38 \div 6 =$
   Quotient = 6; Dividend = 38; Divisor = 6;
   Remainder = 2

2. Divide as directed and find the quotient and remainder.
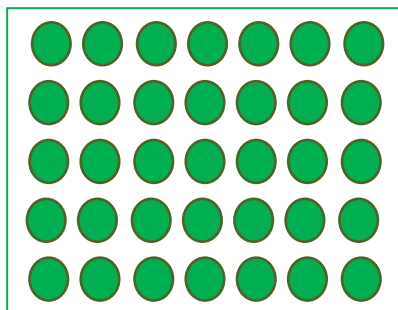
   a. Divide by 6.

   b. Divide by 9.

   Solution:
   Note: Q = Quotient
            R = Remainder

   a. Q = 3; R = 2

   b. Q = 3; R = 8

3. Divide. Find the quotient and remainder. Use counters or pictures to help.

   a. $25 \div 4 =$
   b. $53 \div 5 =$
   c. $39 \div 8 =$
   d. $17 \div 9 =$

   Note: Q = Quotient; R = Remainder
   a. Q = 6; R = 1
   b. Q = 10; R = 3
   c. Q = 4; R = 7
   d. Q = 1; R = 8

   e. $33 \div 6 =$
   f. $29 \div 7 =$
   g. $46 \div 6 =$
   h. $26 \div 5 =$

   Note: Q = Quotient; R = Remainder
   e. Q = 5; R = 3
   f. Q = 4; R = 1
   g. Q = 7; R = 4
   h. Q = 5; R = 1

4. Darren has 25 dollars. He wants to buy few polo shirts. Each polo shirt costs $7. How many polo shirts can she buy and how much money will be left? Write a division sentence and draw a picture to show the sentence.

   Solution: $25 \div 7 =$
   3 polo shirts; $4 left