



## Divide 2-Digit Numbers by 2, 3, 4 and 5

Student's Book p.185

What You Will Learn:

- Divide 2-digit numbers by 2, 3, 4 and 5.

### Look Back

Ron has 8 strawberries.



He eats 4 strawberries every day.

How many days does he take to eat all the strawberries?

day 1  $8 - 4 = 4$

day 2  $4 - 4 = 0$

Division is repeated subtraction.

Listen when your partner is talking.

Dividend

Quotient

$$8 \div 4 = 2 \text{ days}$$

Divisor

$$\begin{aligned}
 48 - 4 &= 44 \\
 44 - 4 &= 40 \\
 40 - 4 &= 36 \\
 36 - 4 &= 32 \\
 32 - 4 &= 28 \\
 28 - 4 &= 24 \\
 24 - 4 &= 20 \\
 20 - 4 &= 16 \\
 16 - 4 &= 12 \\
 12 - 4 &= 8 \\
 8 - 4 &= 4 \\
 4 - 4 &= 0
 \end{aligned}$$

we repeatedly subtracted  
the number 4  
12 times to get to 0

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## Thinking Cap



Caz has 48 strawberries. She eats 4 strawberries every day. How many days does she take to eat all the strawberries? How do you find out? Give a good reason and tell your partner.



$$\begin{array}{c}
 48 \div 4 = 12 \\
 \swarrow \quad \searrow \\
 40 \quad \quad 8
 \end{array}$$

$$\begin{aligned}
 40 \div 4 &= 10 \\
 8 \div 4 &= 2 \\
 10 + 2 &= 12
 \end{aligned}$$

First we break down the 48 into 40 and 8 and then we divide 40 by 4 to get 10, then we divide 8 by 4 to get 2. last step is where we add 10 and 2 to get 12

$$\begin{array}{c}
 \boxed{48} \div 4 = 12 \\
 \swarrow \quad \searrow \\
 \boxed{40} \quad \boxed{8}
 \end{array}$$

Diagram showing the division process: 48 is divided into 40 and 8. 40 is divided by 4 to get 10, and 8 is divided by 4 to get 2. The final result is 12.