

$$88 \div 8 =$$

$$888 \div 8 =$$

$$8,888 \div 8 =$$

$$6,666 \div 2 =$$

$$6,666 \div 3 =$$

$$6,666 \div 6 =$$

RECALL



$$3,935 \div 6 =$$

**GUIDED
PRACTICE**



LO: Dividing with remainders (dividing number more than 5)

Some will spot patterns .

Some will find multiple solutions.

Most will understand the rules of having remainders.

All will understand why we have remainders.

LEARNING HABIT RESILIENCE. |





$$60 \div 6 =$$

$$61 \div 6 =$$

$$62 \div 6 =$$

$$63 \div 6 =$$

$$64 \div 6 =$$

$$65 \div 6 =$$

$$66 \div 6 =$$



$$8,084 \div 8 =$$

$$8,085 \div 8 =$$

$$8,086 \div 8 =$$

$$8,087 \div 8 =$$

$$8,088 \div 8 =$$

$$8,089 \div 8 =$$



Can you write a few sentences explaining why we have remainders?

Why is the last answer not 10 remainder 6?

**INTELLIGENT
PRACTICE.**



Dive deeper 1

There are 459 children in a school.

They are sitting at tables in groups of 7



We will need
65 tables.

Do you agree with Mo?
Explain your answer.

7,816

7,861

6,781

1,786

I know that if I divide
these numbers by 5 the
remainder will be 1



Is Eva correct?
How do you know?

Dive deeper 2

Dora is thinking of a number between 800 and 850 . When she divides it by 8 it has a remainder of 1. What could the number be?

Dive deeper 3

6,7,8 and 9



How many ways can you complete the calculation using all the digit cards so that there is a remainder of 1?

What do you notice?

Dive deeper 1

There are 459 children in a school.
They are sitting at tables in groups of 7



We will need
65 tables.

Do you agree with Mo?
Explain your answer.

Mo is incorrect because $459 \div 7 = 65$ remainder 4 so they need 66 tables

7,816

7,861

6,781

1,786

I know that if I divide
these numbers by 5 the
remainder will be 1



Is Eva correct?
How do you know?

Eva is correct because numbers that end in 0 and 5 are in the 5 times table so when you divide numbers that end in 6 or 1 by 5 you are left with a remainder of 1

Dive deeper 2

Dora is thinking of a number between 800 and 850 . When she divides it by 8 it has a remainder of 1. What could the number be?

Possible answers

809 817 825 833 841 849

Dive deeper 3

6,7,8 and 9



How many ways can you complete the calculation using all the digit cards so that there is a remainder of 1?

What do you notice?

DIVE DEEPER ANSWERS

