

WALT: To multiply and divide by 100

$$4 \times 100 = 400$$

$$8 \times 100 = 800$$

$$2 \times 100 = 200$$

Do you notice any patterns in these sums? What patterns do you notice? (Write your answers in your books)

I notice...

WALT: To multiply and divide by 100

$$300 \div 100 = 3$$

$$600 \div 100 = 6$$

$$900 \div 100 = 9$$

Do you notice any patterns in these sums? What patterns do you notice? (write your answers in your books)

I notice...

WALT: To multiply and divide by 100

When multiplying by 100 you move the number two spaces to the left and add two zeros.

H	T	O
		4
4	0	0

Eg: $4 \times 100 = 400$

Using this example, answer the following:

$$5 \times 100 =$$

WALT: To multiply and divide by 100

When dividing by 100, move the number two spaces to the right and remove the zeros.

H	T	O
4	0	0
		4

Eg: $400 \div 100 = 4$

Try the following:

$$800 \div 100 =$$

WALT: To multiply and divide by 100

You can answer the following questions on the slides or upload a separate piece of paper with your answers.

Main:

- 1) $7 \times 100 =$
- 2) $800 \div 100 =$
- 3) $100 \times 2 =$
- 4) $500 \div 10 =$
- 5) $8 \times 100 =$
- 6) Pam has 80 books, she places them into 10 baskets. How many books will be in each basket?

Mastery/ extension:

- 1) $32 \times 100 = 320$ Is this true or false? How do you know.. Explain your answer?
- 2) Pam had 300 apples, she places them into 100 baskets. There is now 5 apples in each basket. True or false? Explain your answer.
- 3) $40 \times 100 =$
- 4) $700 \div 100 =$
- 5) Tina had 900 markers. She split them into 100 pencil cases. Sam then added 9 to each pencil case. How many markers are in each pencil case?

Math's mystery

How can you add eight 8's to get the number 1,000? (only use addition).

