

20.01.21 Fluent in five

1) $3 + 4 \times 10$

2) $25.43 + 17.26 =$

3) 6^3

4) $6 \times 2 \times 5 =$

5) $202 \times 9 =$

6) $30 \times 4 =$

1) $342 \times 2 =$

2) $7583 + 8240 =$

3) $100 \div 10 =$

4) $1.34 + 1.20 =$

5) $9401 - 1389 =$

WALT divide by 10, 100
and 1000 (Reasoning)

 <https://vimeo.com/488186549>

Recap from yesterday.

Divide these numbers by 10, 100 and 1000.

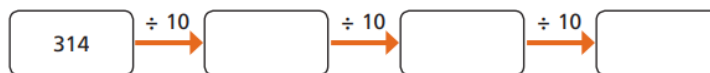
435

2301

763.2

1342.1

Complete the diagrams.



What do you notice? Why does this happen?

Dexter is solving the calculation $5,400 \div 100$



I think the
answer is 54.00

Is Dexter correct? _____

Explain your reasoning.

Rosie is solving the calculation $3,600 \div 200$

I think the
answer is 0.36



Is Rosie correct? _____

Explain your reasoning.

Using the following rules, how many ways can you make 70?

- Use a number from column A
- Use an operation from column B.
- Use number from column C.

A	B		C
0.7	×	÷	0.1
7			1
70			10
700			100
7,000			1,000

Can you find a path from 6 to 0.06?

You cannot make diagonal moves.

6	× 10	× 10	÷ 100
÷ 10	× 100	× 100	÷ 10
× 10	÷ 10	÷ 1,000	÷ 100
÷ 1,000	× 1,000	× 100	0.06

Is there more than one way?

Eva says,

When you divide by 10,
100 or 1,000 you just
take away the zeros or
move the decimal point.



Do you agree?
Explain why.