

Last term (Y6 Autumn term)

Work out the multiplications.

$$17 \times 562$$

$$23 \times 3,164$$

$$41 \times 5,312$$

Huan receives a new comic book every month.

Each book has 36 pages.

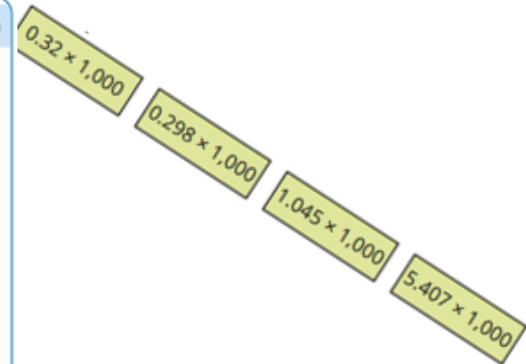
He reads a comic book once a month for 6 years.

How many pages does Huan read altogether?

Previous learning... x by 10, 100, 1000

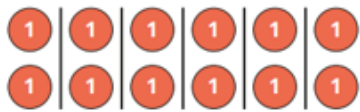
Fill in the missing numbers.

input	0.15	→	× 100	→		→	× 10	→	output
input		→	× 10	→	0.09	→	× 10	→	output
input	0.365	→		→	3.65	→	× 1,000	→	output
input		→		→		→		→	output
									5,490



We are currently learning... x decimals by integers

- Dora uses place value counters to show that 6 lots of 2 is 12, and 6 lots of 0.2 is 1.2



$$6 \times 2 = 12$$



$$6 \times 0.2 = 1.2$$

Use Dora's method to complete the calculations.

- |                |                |                |                 |
|----------------|----------------|----------------|-----------------|
| ▶ $4 \times 2$ | ▶ $5 \times 5$ | ▶ $3 \times 4$ | ▶ $12 \times 3$ |
| $4 \times 0.2$ | $0.5 \times 5$ | $3 \times 0.4$ | $1.2 \times 3$  |

We are learning next... ÷ decimals by integers

- Dani, Mo and Kim use place value counters to work out divisions.

**Dani**

$$24 \div 2 = 12$$

**Mo**

$$2.4 \div 2 = 1.2$$

**Kim**

$$0.24 \div 2 = 0.12$$

What is the same about their divisions?

What is different about their divisions?

- |              |               |               |               |
|--------------|---------------|---------------|---------------|
| ▶ $4 \div 2$ | ▶ $9 \div 3$  | ▶ $36 \div 6$ | ▶ $15 \div 3$ |
| $0.4 \div 2$ | $0.09 \div 3$ | $3.6 \div 6$  | $0.15 \div 3$ |