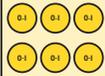


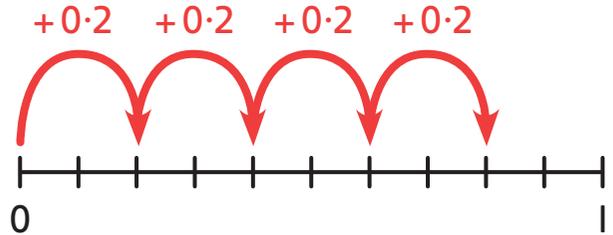
Think together

1 Write and complete a multiplication for each model.

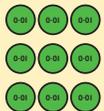
a)

T	O	.	Tth
		.	

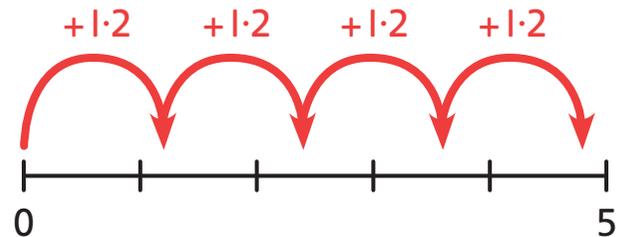
c)



b)

T	O	.	Tth	Hth
		.		

d)



2 Predict which multiplication will give the greatest and the smallest **products**.

Complete each calculation to check.

12×0.3

0.02×32

21×0.04

The answer to a multiplication is called the product.



CHALLENGE

3 a) Complete these sets of multiplications.

$$2 \times 3 = 6$$

$$20 \times 3 = \square$$

$$0.2 \times 3 = 0.6$$

$$20 \times 0.3 = \square$$

$$0.02 \times 3 = \square$$

$$20 \times 0.03 = \square$$

$$2 \times 0.3 = \square$$

$$200 \times 0.3 = \square$$

$$2 \times 0.03 = \square$$

$$2,000 \times 0.03 = \square$$

b) Explain how the answers are related.

c) Explain why some of the calculations have the same answer.

I will use a place value grid to explore how the answers are related.



	H	T	O	•	Tth	Hth
2×3			6	•		
0.2×3			0	•	6	
0.02×3				•	3	