



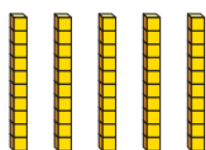
St John Fisher RC Primary School

Year 4 Maths Knowledge Organiser

Spring One - Block One – Multiplication and Division

| Objectives | Self-Assessment | Teacher |
|--------------------------|-----------------|---------|
| • I can multiply by 10. | 😊 😐 😞 | |
| • I can multiply by 100. | 😊 😐 😞 | |

Complete the calculation shown in base 10



$$5 \times 1 \text{ ten} = \boxed{5} \text{ tens}$$

$$5 \times 10 = \boxed{50}$$

Complete the number sentences.

$$\text{a) } 2 \times 10 = \boxed{20}$$

$$\text{d) } 7 \times 10 = \boxed{70}$$

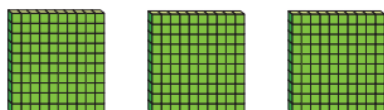
$$\text{b) } 4 \times 10 = \boxed{40}$$

$$\text{e) } 10 \times 6 = \boxed{60}$$

$$\text{c) } 10 \times 8 = \boxed{80}$$

$$\text{f) } \boxed{30} = 3 \times 10$$

Complete the calculation shown in base 10



$$3 \times 1 \text{ hundred} = \boxed{3} \text{ hundreds}$$

$$3 \times 100 = \boxed{300}$$

Complete the number sentences.

$$\text{a) } 2 \times 100 = \boxed{200}$$

$$\text{d) } 5 \times 100 = \boxed{500}$$

$$\text{b) } 4 \times 100 = \boxed{400}$$

$$\text{e) } 100 \times 10 = \boxed{1,000}$$

$$\text{c) } 100 \times 8 = \boxed{800}$$

$$\text{f) } \boxed{2,000} = 20 \times 100$$

Key Vocabulary

| | |
|--------------------|--|
| Multiply | Combining multiple groups of numbers together e.g. $5 \times 5 = 25$. |
| Divide | Distributing a group of things into equal parts |
| Multiple | The product of two numbers (multiplying 2 numbers together). |
| Factor | A number that divides exactly into another number without leaving a remainder. |
| Product | The answer when you multiply 2 numbers together. |
| Remainder | An amount left over after division (happens when the first number does not divide exactly by the other). |
| Lots of | Finding the amount of combined groups e.g. 5 lots of 5 is 25. |
| Groups of | Finding the amount of combined groups e.g. $25 = 5$ groups of 5. |
| Commutative | When 2 multiplied numbers give the same answer no matter what order they are in e.g. $2 \times 5 = 10$ and $5 \times 2 = 10$. |
| Inverse | Something that is the opposite (e.g. addition is the opposite of subtraction). |

Assessment

I can multiply by 10.

I can multiply by 100.

