# Commutativity between multiplication and division

Maths

Miss Brinkworth

# Draw representations of the facts below.

1) $5 \times 2 = 10$

2) $1 \times 6 =$

3) $3 \times 3 =$

(**Challenge** - What other facts can you derive from them?)

## Match the facts.

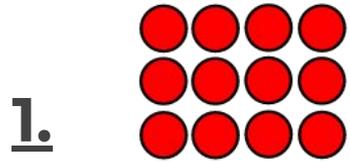$5 \times 7 = 35$                    $18 \div 9 = 2$

$2 \times 9 = 18$                    $4 \times 6 = 24$

$24 \div 6 = 4$                    $35 \div 5 = 7$

**Part B -**

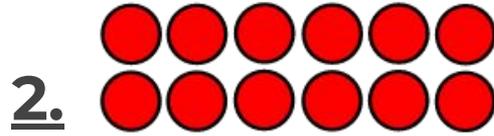**fill in the gaps (use the arrays to help if you are stuck)**



**1.**

$$4 \times 3 = \underline{\phantom{x}}$$

$$\underline{\phantom{x}} \times \underline{\phantom{x}} = \underline{\phantom{x}}$$

$$\underline{\phantom{x}} \div \underline{\phantom{x}} = \underline{\phantom{x}}$$

$$\underline{\phantom{x}} \div \underline{\phantom{x}} = \underline{\phantom{x}}$$

**2.**

$$2 \times \underline{\phantom{x}} = 12$$

$$\underline{\phantom{x}} \times \underline{\phantom{x}} = \underline{\phantom{x}}$$

$$\underline{\phantom{x}} \div \underline{\phantom{x}} = \underline{\phantom{x}}$$

$$\underline{\phantom{x}} \div \underline{\phantom{x}} = \underline{\phantom{x}}$$

**3.**

$$4 \times 7 = \underline{\phantom{x}}$$

$$\underline{\phantom{x}} \times \underline{\phantom{x}} = \underline{\phantom{x}}$$

$$\underline{\phantom{x}} \div \underline{\phantom{x}} = \underline{\phantom{x}}$$

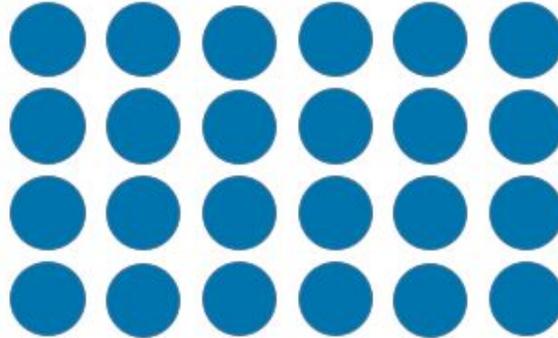$$\underline{\phantom{x}} \div \underline{\phantom{x}} = \underline{\phantom{x}}$$
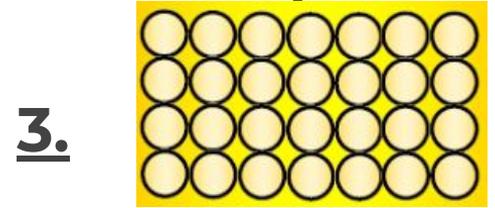
**1)** **What is the same? What is different?**

$$4 \times 3 = 12$$
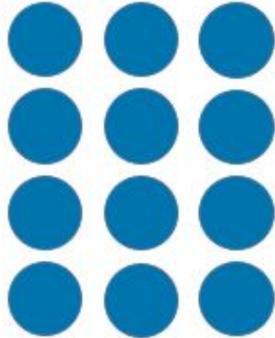
$$4 \times 6 = 24$$



**2)** **If you know that 11 x 5 = 55 what else do you know?**