

Différencier $A+B$ et $A \times B$

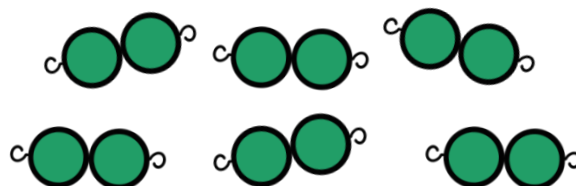
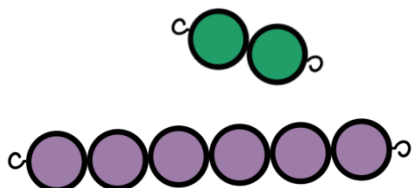
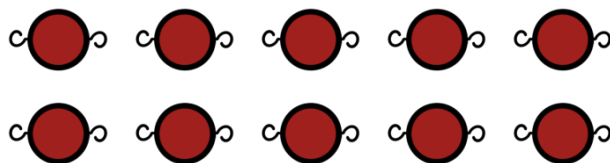
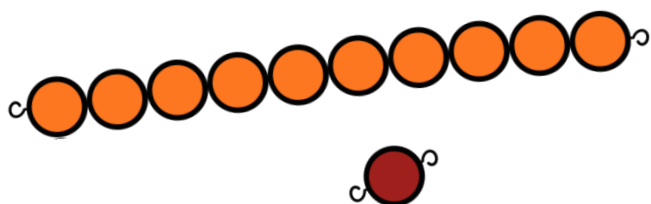
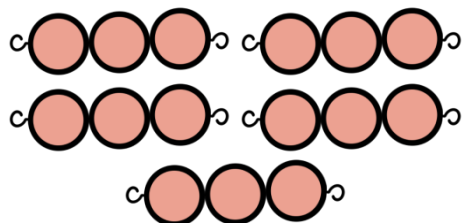
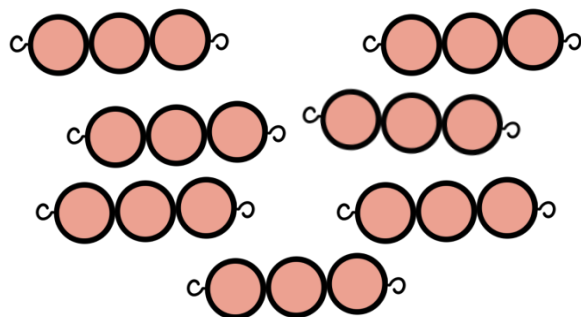
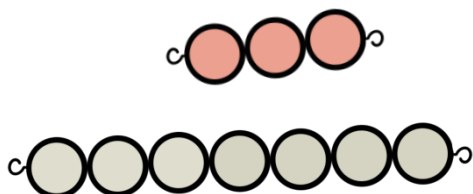
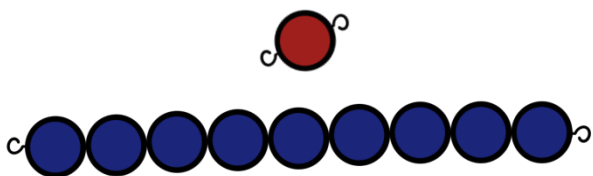
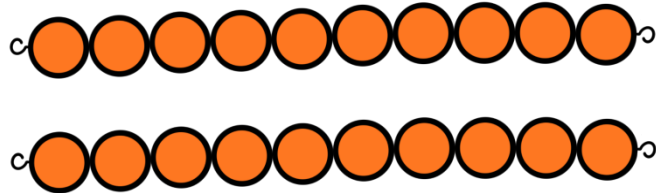
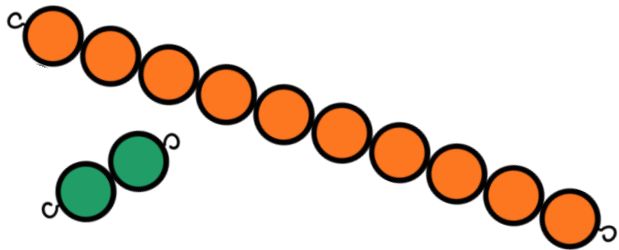
L'objectif est de différencier l'addition de la multiplication et d'y mettre un sens.

Matériel : barrettes Montessori.

- 1) Faire trier les étiquettes « opérations » en 2 tas : les additions d'un côté et les multiplications de l'autre. Cela a pour but de s'assurer que l'enfant fasse bien la différence visuellement entre $\times$ et $+$ et de lui apprendre à être attentif à ce signe dont dépendra le résultat ultérieur.
- 2) Donner une étiquette chiffrée à l'enfant et demandez-lui de retrouver à quel opération ça correspond parmi les deux possibilités. Ex : $10+1$ c'est 10 et 1 » ou « $1+1+1+1+1+1+1+1+1+1$ »

L'enfant va s'apercevoir que quand ce sont des multiplications, on utilise toujours le même nombre, observation facilitée par le fait que les barrettes soient toutes de la même couleur.

- 3) Ensuite on fera d'autres exercices pour différencier 3×4 et 4×3 .



$$2 + 10$$

$$2 \times 10$$

$$1 + 9$$

$$1 \times 9$$

$$7 + 3$$

$$7 \times 3$$

$$5 + 3$$

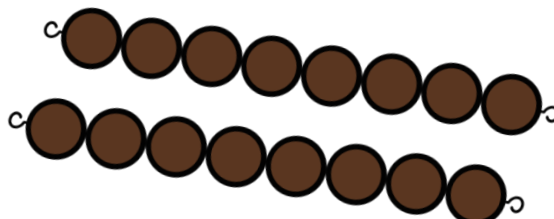
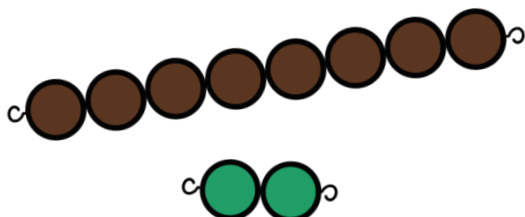
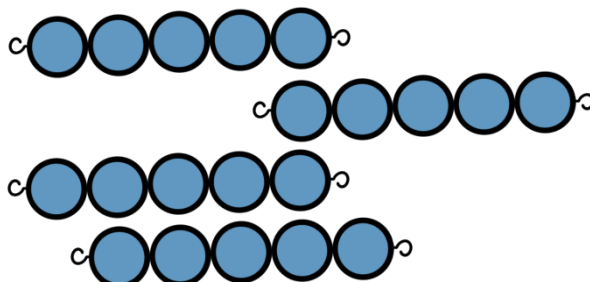
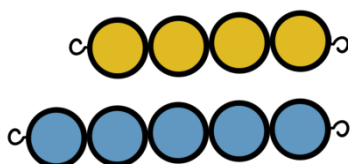
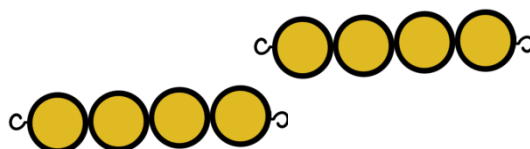
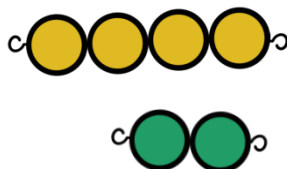
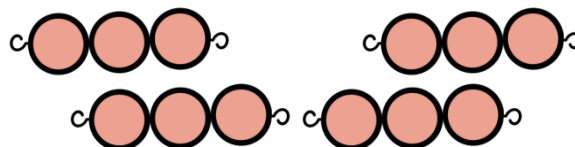
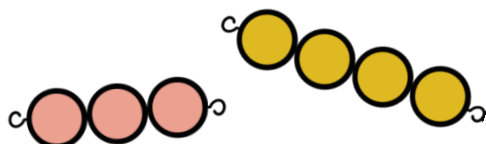
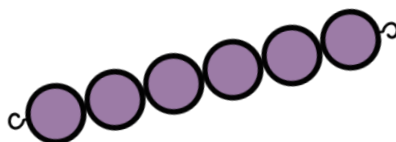
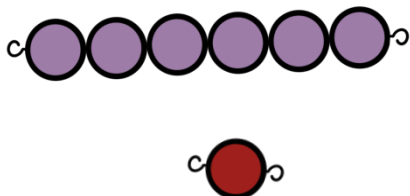
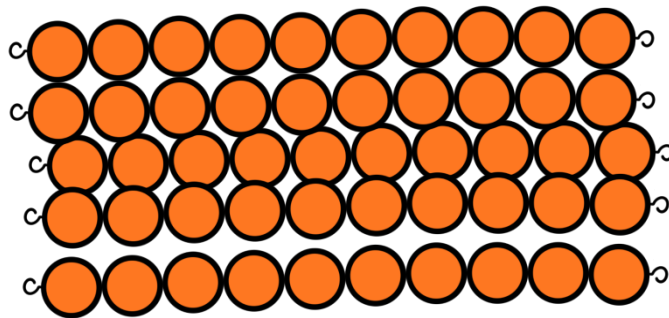
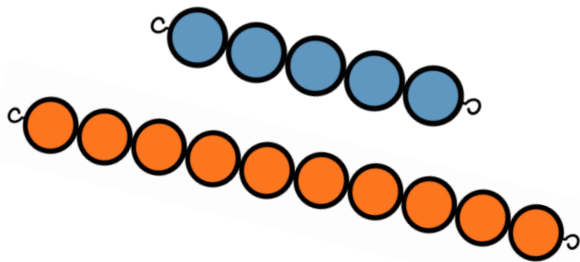
$$5 \times 3$$

$$10 + 1$$

$$10 \times 1$$

$$6 + 2$$

$$6 \times 2$$



$$5 + 10$$

$$5 \times 10$$

$$1 + 6$$

$$1 \times 6$$

$$4 + 3$$

$$4 \times 3$$

$$2 + 4$$

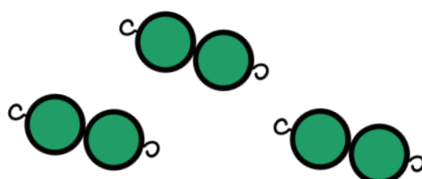
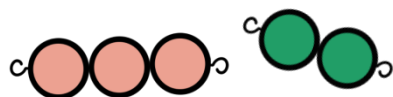
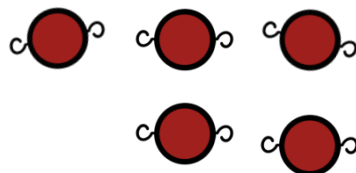
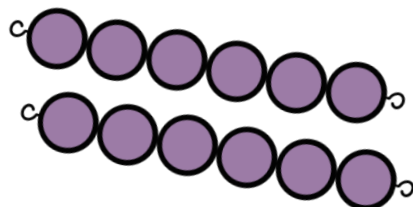
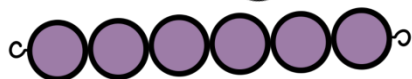
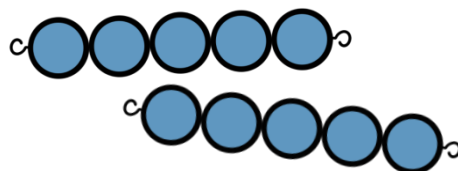
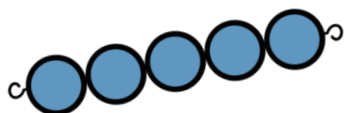
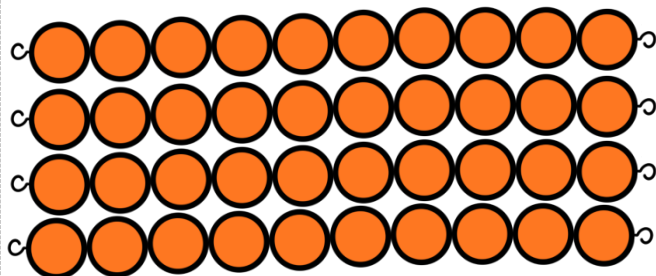
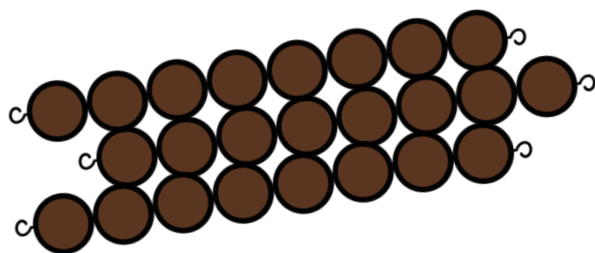
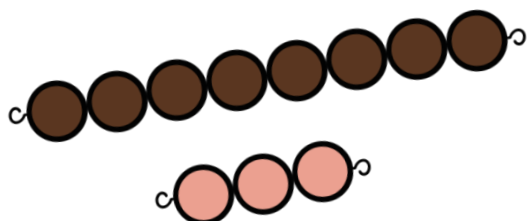
$$2 \times 4$$

$$4 + 5$$

$$4 \times 5$$

$$2 + 8$$

$$2 \times 8$$



$$3 + 8$$

$$3 \times 8$$

$$4 + 10$$

$$4 \times 10$$

$$2 + 5$$

$$2 \times 5$$

$$2 + 6$$

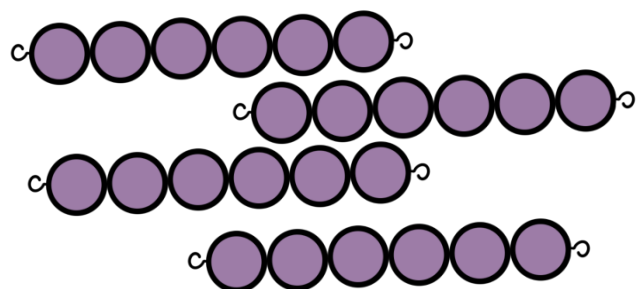
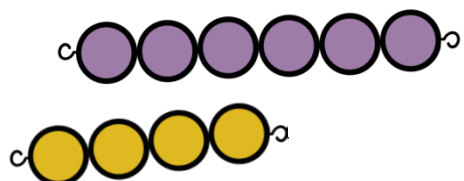
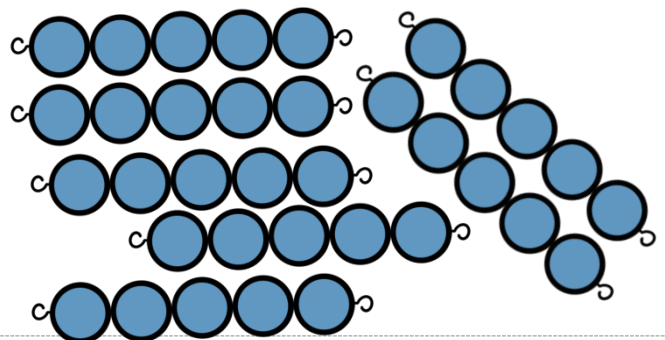
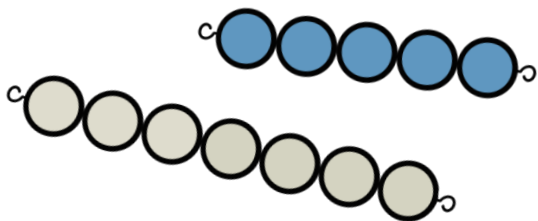
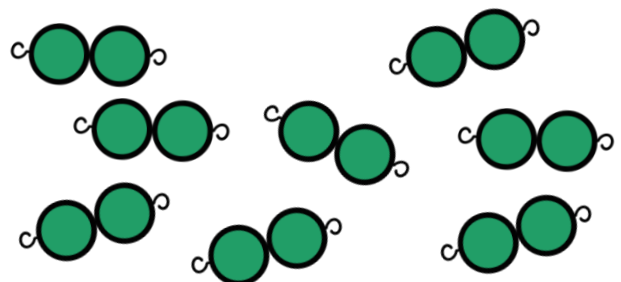
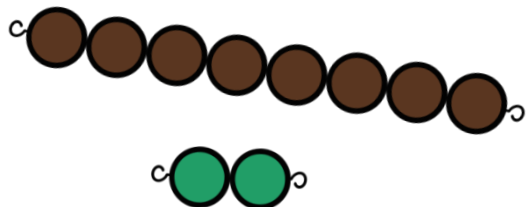
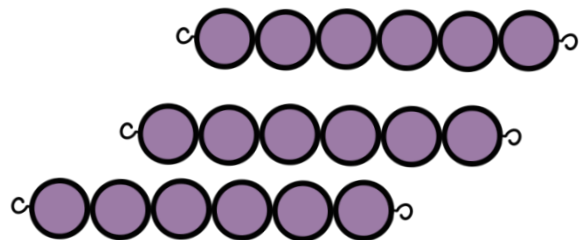
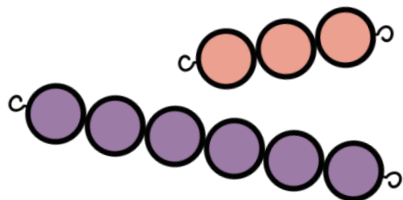
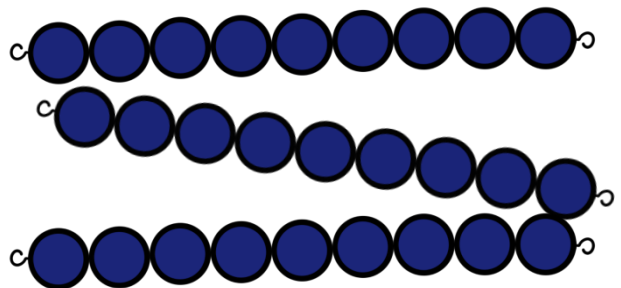
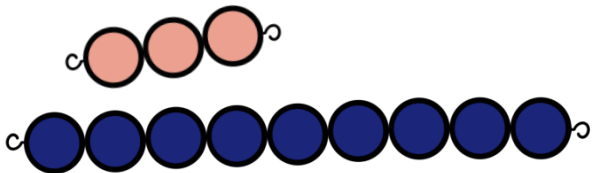
$$2 \times 6$$

$$5 + 1$$

$$5 \times 1$$

$$3 + 2$$

$$3 \times 2$$



$1 + 2$

1×2

$3 + 9$

3×9

$3 + 6$

3×6

$8 + 2$

8×2

$7 + 5$

7×5

$4 + 6$

4×6

