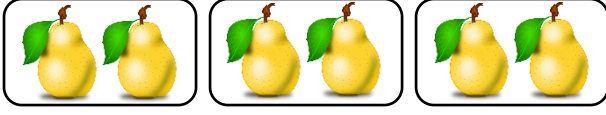




ÇARPANLARIN YERİNİ DEĞİŞTİRME

AKLIMDA!

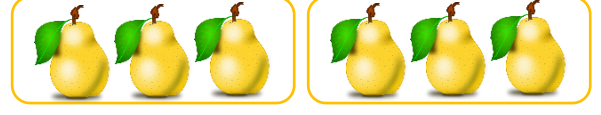
Bir çarpma işleminde çarpanların yerleri değiştiğinde çarpım değişmez.



$$2 + 2 + 2$$

$$3 \times 2 \longrightarrow$$

6



$$3 + 3$$

$$\longleftarrow 2 \times 3$$

Etkinlik: Aşağıdaki çarpma işlemlerini örnekteki gibi yapalım.

$$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$\begin{array}{r} 8 \\ \times 1 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$\begin{array}{r} 7 \\ \times 2 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \dots \end{array}$$

$$\begin{array}{r} \dots \\ \times \dots \\ \hline \dots \end{array}$$

$$3 \times 7 = \dots$$

$$2 \times 9 = \dots$$

$$4 \times 6 = \dots$$

$$8 \times 5 = \dots$$

$$\dots \times \dots = \dots$$

$$\dots \times \dots = \dots$$

$$\dots \times \dots = \dots$$

$$\dots \times \dots = \dots$$

AKLIMDA!

Bir sayının "1" ile çarpımı sayının kendisine eşittir.



1

+



1

+



1

$$3 \times 1 = 3$$

Etkinlik: Aşağıdaki çarpma işlemlerini yapalım.

$$1 \times 7 = \dots$$

$$2 \times 1 = \dots$$

$$4 \times 1 = \dots$$

$$1 \times 5 = \dots$$

$$8 \times 1 = \dots$$

$$3 \times 1 = \dots$$

$$1 \times 1 = \dots$$

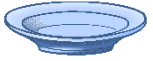
$$1 \times 10 = \dots$$

$$6 \times 1 = \dots$$

$$1 \times 9 = \dots$$

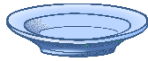
AKLIMDA!

Bir sayının "0" ile çarpımı 0'a (sıfır) eşittir.



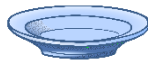
0

+



0

+



0

$$3 \times 0 = 0$$

Etkinlik: Aşağıdaki çarpma işlemlerini yapalım.

$$5 \times 0 = \dots$$

$$9 \times 0 = \dots$$

$$10 \times 0 = \dots$$

$$2 \times 0 = \dots$$

$$1 \times 0 = \dots$$

$$6 \times 0 = \dots$$

$$4 \times 0 = \dots$$

$$7 \times 0 = \dots$$

$$3 \times 0 = \dots$$

$$8 \times 0 = \dots$$