| X | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 3 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| 4 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| 5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| 6 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| 7 | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
| 8 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
| 9 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| 10 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

Multiplication is COMMUTATIVE

This means numbers can be multiplied in any order.

3 x 10 x 5 = 3 x 5 x 10

We can rearrange the order in which we multiply to make combinations that are easier to multiply.

Is it easier to solve 3 x 10 x 6

or

Is it easier to solve 3 x 6 x 10

Multiplication can be done in an order.

**50 x 4 =**

**5 x 10 x 4 = 5 x 4 x 10**

**20 x 10 =**

**90 x 6 =**

**x 10 x = x x 10**

**x 10 =**

**40 x 6 =**

**x 10 x = x x 10**

**x 10 =**

**70 x 9 =**

**x 10 x = x x 10**

**x 10 =**

**30 x 4 =**

**x 10 x = x x 10**

**x 10 =**

**40 x 7 =**
Show your thinking.

**80 x 8 =**
Show your thinking.

**30 x 9 =**
Show your thinking.

**40 x 4 =**
Show your thinking.

**60 x 6 =**
Show your thinking.

**9 x 80 =**
Show your thinking.

**5 x 80 =**
Show your thinking.

**40 x 5 =**
Show your thinking.

LIVEWORKSHEETS