Using Skip Counting to Multiply

Here are some ways to use skip counting to multiply mentally.
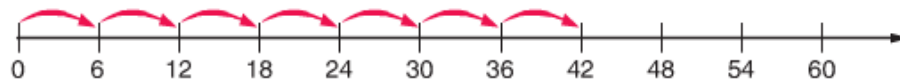
➤ Use skip counting patterns.
For example,
To find 7×6, skip count by 6 seven times:
6, 12, 18, 24, 30, 36, 42

*These numbers are **multiples** of 6.*
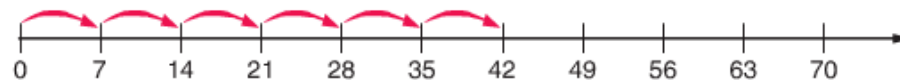
0   6   12   18   24   30   36   42   48   54   60

7 steps of 6 is 42.
$7 \times 6 = 42$

Another way is to skip count by 7 six times:
7, 14, 21, 28, 35, 42

These numbers are multiples of 7.

0   7   14   21   28   35   42   49   56   63   70

6 steps of 7 is 42.
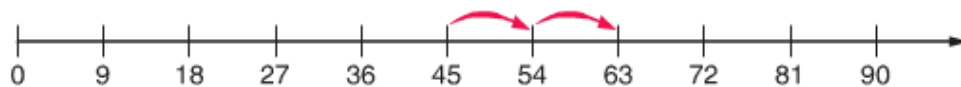$7 \times 6 = 42$

➤ Skip count from a known fact.
You know $9 \times 5 = 45$.
To find 9×6:
Skip count by 9 to add one more group of 9.

"45 ... then 54"

So, $9 \times 6 = 54$

To find 9×7:
You know $9 \times 5 = 45$.
Skip count by 9 to add two more groups of 9.

" 45 ... then
54 ... then 63"

So, $9 \times 7 = 63$