

Multiplication

FACTS

0

1

2

3

4

5

6

7

8

9

10

SQUARES

STRATEGY

Multiplying by zero gets you NOTHING!

$$0 \times 5 = 0 \quad 0 \times 10 = 0$$

Multiply by one and the answer is the number you multiplied!

$$1 \times 2 = 2 \quad 1 \times 5 = 5$$

Double the number!

$$2 \times 5 = 5 + 5$$

Think Doubles plus 1 more!

$$3 \times 4 \text{ think } 2 \times 4 \text{ plus 1 more set } \rightarrow (2 \times 4) + 4$$

Think Doubles 2's

$$4 \times 5 \text{ think } (2 \times 5) + (2 \times 5)$$

Think half of 10!

$$5 \times 7 \text{ is half of } 10 \times 7$$

$$35 \text{ is half of } 70$$

Think doubles 3's

$$6 \times 8 \text{ think } (3 \times 8) + (3 \times 8)$$

To multiply a number by 7, just break 7 apart.
Multiply by 5 and then by 2

$$7 \times 6 = (5 \times 6) + (2 \times 6)$$

Think double 4's

$$8 \times 7 \text{ think } (4 \times 7) + (4 \times 7)$$

To multiply by 9, just think 10 and subtract a set!

$$9 \times 5 \text{ think } 10 \times 5 \rightarrow 10 \times 5 = 50 \text{ THEN SUBTRACT } 50 - 5 = 45$$

Skip count by 10s or just think it's that many 10's

$$\begin{array}{r} 10 \times 3 \\ 10, 20, 30 \end{array}$$

$$\begin{array}{r} 10 \times 5 \\ 10, 20, 30, 40, 50 \end{array}$$

Multiply a number by itself! It's a square number

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \square & \square \\ \hline \end{array} 2 \times 2$$

$$\begin{array}{|c|c|c|} \hline \square & \square & \square \\ \hline \square & \square & \square \\ \hline \square & \square & \square \\ \hline \end{array} 3 \times 3$$

$$\begin{array}{|c|c|c|c|} \hline \square & \square & \square & \square \\ \hline \square & \square & \square & \square \\ \hline \square & \square & \square & \square \\ \hline \square & \square & \square & \square \\ \hline \end{array} 4 \times 4$$

Multiplication

FACTS

0

1

2

3

4

5

6

7

8

9

10

SQUARES

STRATEGY

Multiplying by zero gets you NOTHING!

$$0 \times 5 = 0 \quad 0 \times 10 = 0$$

Multiply by one and the answer is the number you multiplied!

$$1 \times 2 = 2 \quad 1 \times 5 = 5$$

Double the number!

$$2 \times 5 = 5 + 5$$

Think Doubles plus 1 more!

$$3 \times 4 \text{ think } 2 \times 4 \text{ plus 1 more set } \rightarrow (2 \times 4) + 4$$

Think Doubles 2's

$$4 \times 5 \text{ think } (2 \times 5) + (2 \times 5)$$

Think half of 10!

$$5 \times 7 \text{ is half of } 10 \times 7$$

$$35 \text{ is half of } 70$$

Think doubles 3's

$$6 \times 8 \text{ think } (3 \times 8) + (3 \times 8)$$

To multiply a number by 7, just break 7 apart.
Multiply by 5 and then by 2

$$7 \times 6 = (5 \times 6) + (2 \times 6)$$

Think double 4's

$$8 \times 7 \text{ think } (4 \times 7) + (4 \times 7)$$

To multiply by 9, just think 10 and subtract a set!

$$9 \times 5 \text{ think } 10 \times 5 \rightarrow 10 \times 5 = 50 \text{ THEN SUBTRACT } 50 - 5 = 45$$

Skip count by 10s or just think it's that many 10's

$$\begin{array}{c} 10 \times 3 \\ 10, 20, 30 \end{array}$$

$$\begin{array}{c} 10 \times 5 \\ 10, 20, 30, 40, 50 \end{array}$$

Multiply a number by itself! It's a square number



$$2 \times 2$$



$$3 \times 3$$



$$4 \times 4$$