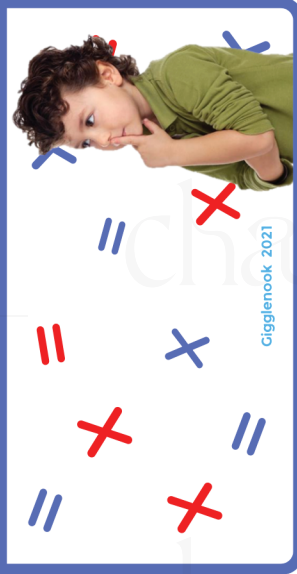
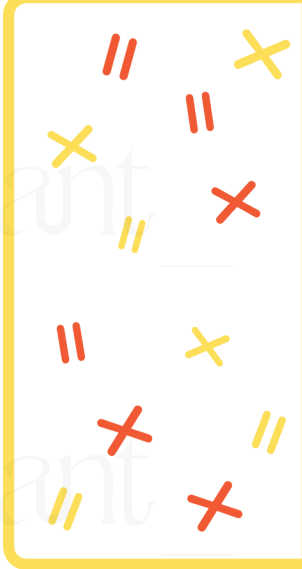


Multiplication Turn Around Facts

(Commutative Property)



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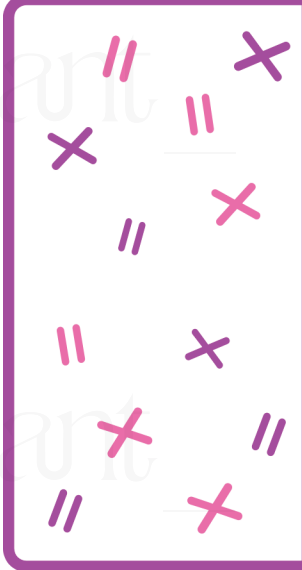


Multiplication Turn Around Facts

(Commutative Property)



Gigglebook 2021



Multiplication Turn Around Facts

(Commutative Property)



Gigglebook 2021



Multiplying by 3

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 2 and add
a set.



Gigglenook 2021

Multiplying by 3

The equations:

$$3 \times 1 = 3$$

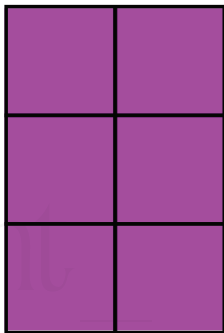
$$1 \times 3 = 3$$



Gigglenook 2021

Multiplying by 3

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 2 and add
a set.



Gigglenook 2021

Multiplying by 3

The equations:

$$3 \times 2 = 6$$

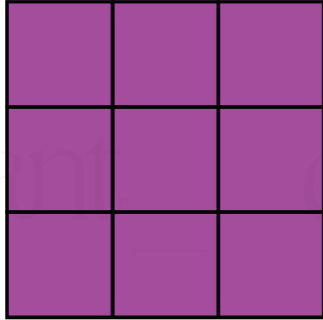
$$2 \times 3 = 6$$



Gigglenook 2021

Multiplying by 3

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 2 and add
a set.



Gigglenook 2021

Multiplying by 3

The equations:

$$3 \times 3 = 9$$

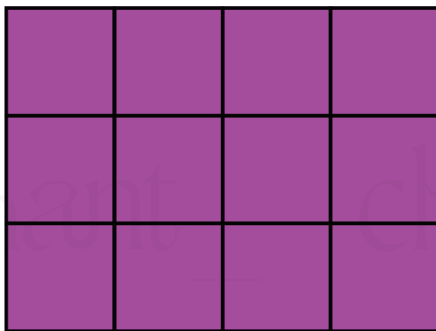
$$3 \times 3 = 9$$



Gigglenook 2021

Multiplying by 3

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 2 and add
a set.



Gigglenook 2021

Multiplying by 3

The equations:

$$3 \times 4 = 12$$

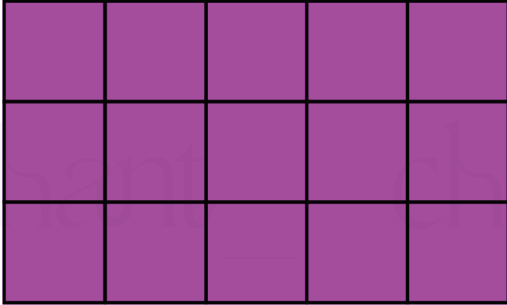
$$4 \times 3 = 12$$



Gigglenook 2021

Multiplying by 3

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 2 and add
a set.



Gigglebook 2021

Multiplying by 3

The equations:

$$3 \times 5 = 15$$

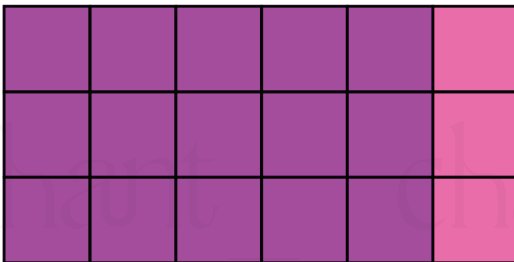
$$5 \times 3 = 15$$



Gigglebook 2021

Multiplying by 3

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 2 and add
a set.



Gigglebook 2021

Multiplying by 3

The equations:

$$3 \times 6 = 18$$

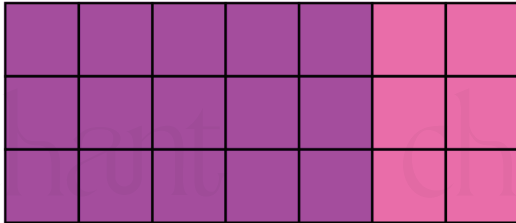
$$6 \times 3 = 18$$



Gigglebook 2021

Multiplying by 3

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 2 and add
a set.



Gigglenook 2021

Multiplying by 3

The equations:

$$3 \times 7 = 21$$

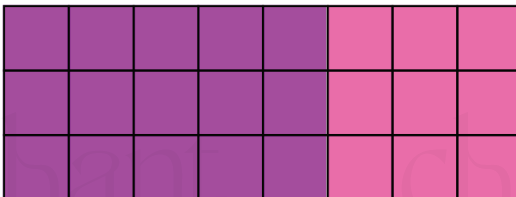
$$7 \times 3 = 21$$



Gigglenook 2021

Multiplying by 3

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 2 and add
a set.



Gigglenook 2021

Multiplying by 3

The equations:

$$3 \times 8 = 24$$

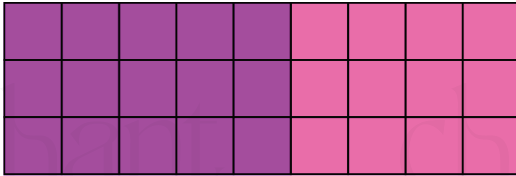
$$8 \times 3 = 24$$



Gigglenook 2021

Multiplying by 3

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 2 and add
a set.



Gigglenook 2021

Multiplying by 3

The equations:

$$3 \times 9 = 27$$

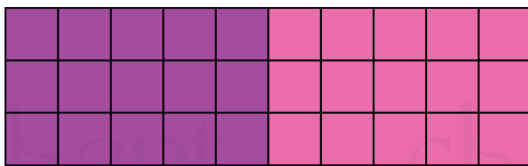
$$9 \times 3 = 27$$



Gigglenook 2021

Multiplying by 3

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 2 and add
a set.



Gigglenook 2021

Multiplying by 3

The equations:

$$3 \times 10 = 30$$

$$10 \times 3 = 30$$



Gigglenook 2021

Multiplying by 6

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Think Double 3's.



Multiplying by 6

The equations:

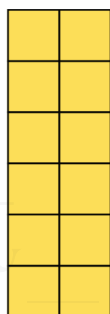
$$6 \times 1 = 6$$

$$1 \times 6 = 6$$



Multiplying by 6

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Think Double 3's.



Multiplying by 6

The equations:

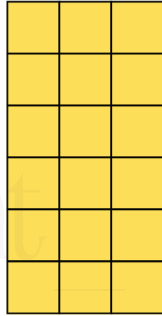
$$6 \times 2 = 12$$

$$2 \times 6 = 12$$



Multiplying by 6

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Think Double 3's.



Gigglelook 2021

Multiplying by 6

The equations:

$$6 \times 3 = 18$$

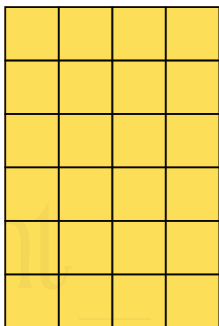
$$3 \times 6 = 18$$



Gigglelook 2021

Multiplying by 6

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Think Double 3's.



Gigglelook 2021

Multiplying by 6

The equations:

$$6 \times 4 = 24$$

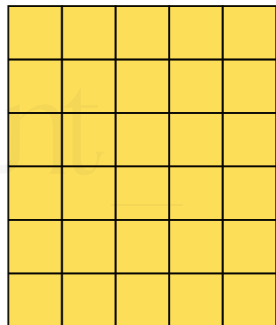
$$4 \times 6 = 24$$



Gigglelook 2021

Multiplying by 6

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Think Double 3's.



Gigglebook 2021

Multiplying by 6

The equations:

$$6 \times 5 = 30$$

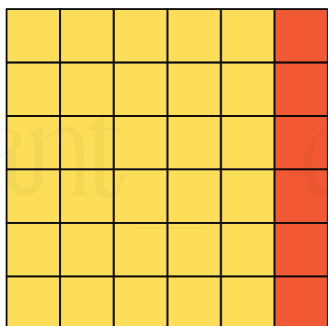
$$5 \times 6 = 30$$



Gigglebook 2021

Multiplying by 6

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Think Double 3's.



Gigglebook 2021

Multiplying by 6

The equations:

$$6 \times 6 = 36$$

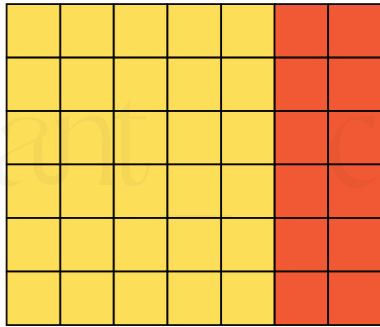
$$6 \times 6 = 36$$



Gigglebook 2021

Multiplying by 6

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Think Double 3's.



Multiplying by 6

The equations:

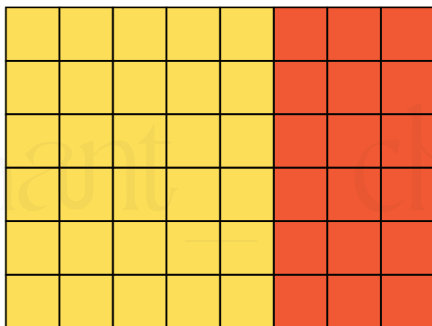
$$6 \times 7 = 42$$

$$7 \times 6 = 42$$



Multiplying by 6

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Think Double 3's.



Multiplying by 6

The equations:

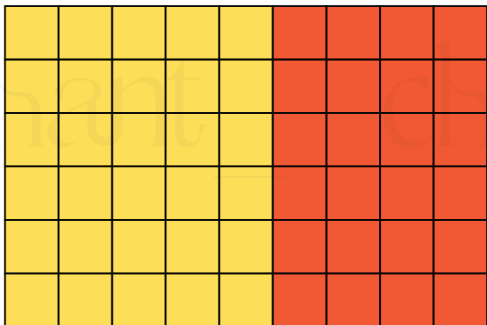
$$6 \times 8 = 48$$

$$8 \times 6 = 48$$



Multiplying by 6

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Think Double 3's.



Gigglenook 2021

Multiplying by 6

The equations:

$$6 \times 9 = 54$$

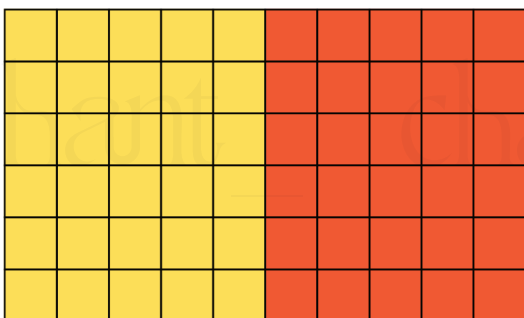
$$9 \times 6 = 54$$



Gigglenook 2021

Multiplying by 6

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Think Double 3's.



Gigglenook 2021

Multiplying by 6

The equations:

$$6 \times 10 = 60$$

$$10 \times 6 = 60$$



Gigglenook 2021

Multiplying by 9

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 10 and
subtract a set.



Gigglebook 2021

Multiplying by 9

The equations:

$$9 \times 1 = 9$$

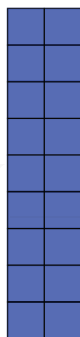
$$1 \times 9 = 9$$



Gigglebook 2021

Multiplying by 9

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 10 and
subtract a set.



Gigglebook 2021

Multiplying by 9

The equations:

$$9 \times 2 = 18$$

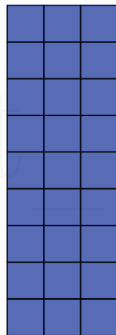
$$2 \times 9 = 18$$



Gigglebook 2021

Multiplying by 9

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 10 and
subtract a set.



Gigglebook 2021

Multiplying by 9

The equations:

$$9 \times 3 = 27$$

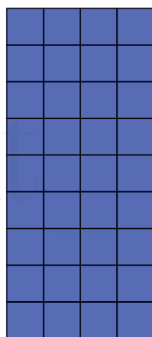
$$3 \times 9 = 27$$



Gigglebook 2021

Multiplying by 9

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 10 and
subtract a set.



Gigglebook 2021

Multiplying by 9

The equations:

$$9 \times 4 = 32$$

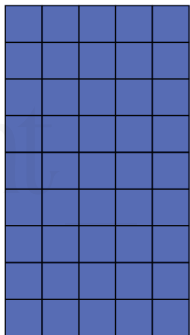
$$4 \times 9 = 32$$



Gigglebook 2021

Multiplying by 9

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 10 and
subtract a set.



Gigglebook 2021

Multiplying by 9

The equations:

$$9 \times 5 = 45$$

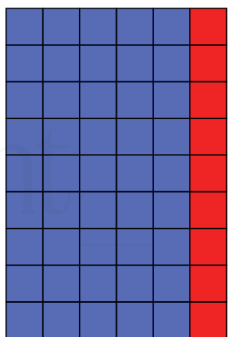
$$5 \times 9 = 45$$



Gigglebook 2021

Multiplying by 9

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 10 and
subtract a set.



Gigglebook 2021

Multiplying by 9

The equations:

$$9 \times 6 = 54$$

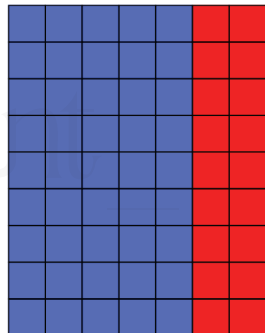
$$6 \times 9 = 54$$



Gigglebook 2021

Multiplying by 9

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 10 and
subtract a set.



Multiplying by 9

The equations:

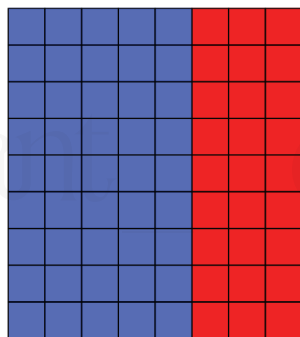
$$9 \times 7 = 63$$

$$7 \times 9 = 63$$



Multiplying by 9

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 10 and
subtract a set.



Multiplying by 9

The equations:

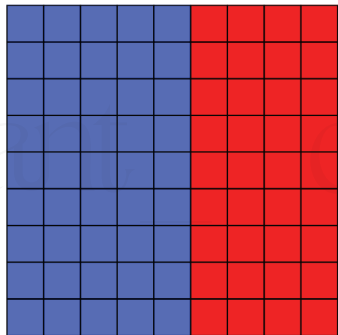
$$9 \times 8 = 72$$

$$8 \times 9 = 72$$



Multiplying by 9

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 10 and
subtract a set.



Gigglebook 2021

Multiplying by 9

The equations:

$$9 \times 9 = 81$$

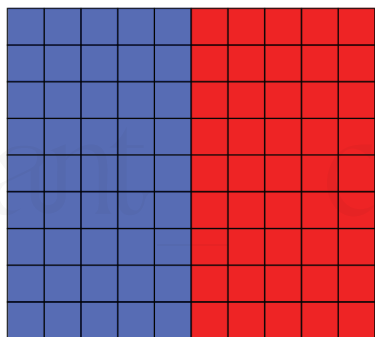
$$9 \times 9 = 81$$



Gigglebook 2021

Multiplying by 9

Look at it. Say the first fact.
Turn it. Say the second fact.



Hint: Multiply by 10 and
subtract a set.



Gigglebook 2021

Multiplying by 9

The equations:

$$9 \times 10 = 90$$

$$10 \times 9 = 90$$



Gigglebook 2021