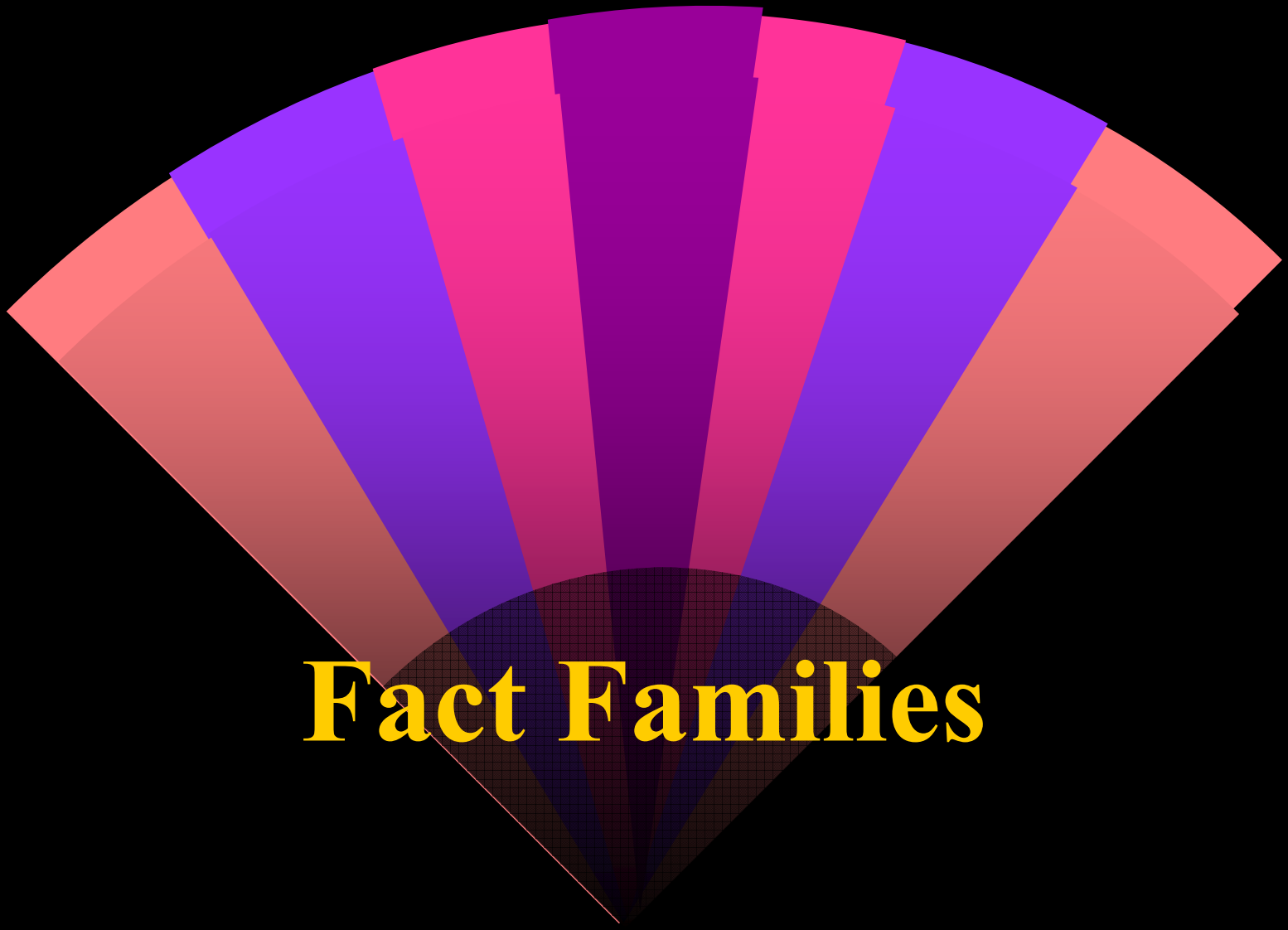


Fact Families

By Monica Yuskaitis

Definitions

- Addend - Any number being added.

  $6 + 5 = 11$

- Inverse Operation - An opposite operation that undoes another.

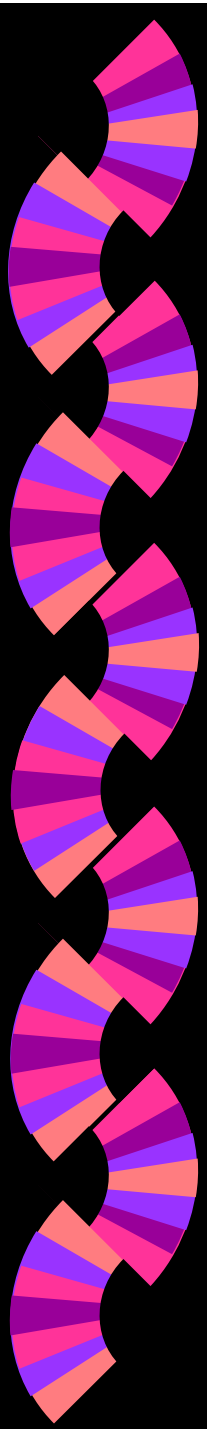
  $5 + 4 = 9$ $\quad$ $9 - 5 = 4$

Addition/Subtraction Fact Families are found by:

- Starting with a simple addition fact. ($2 + 5 = 7$)
- Changing the addends around.

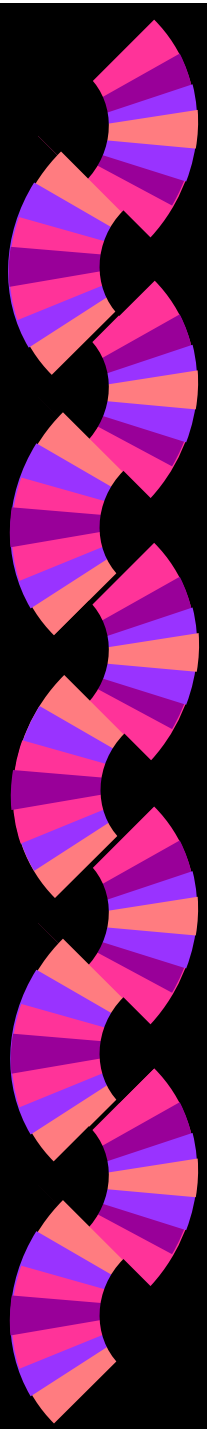
  ($5 + 2 = 7$)
- Writing the Inverse operations for both.

  ($7 - 2 = 5$ & $7 - 5 = 2$)



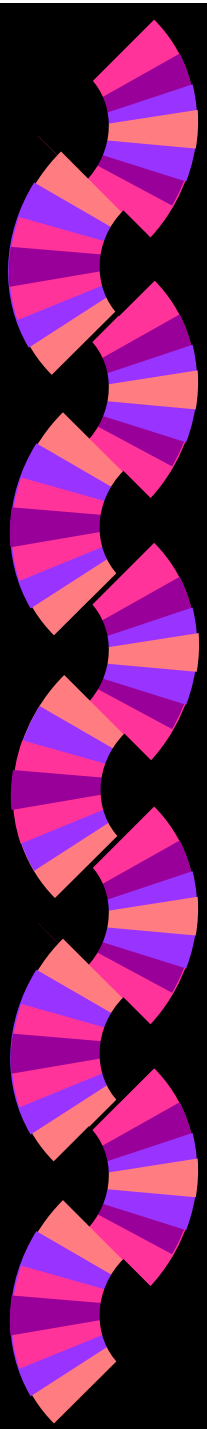
What are the 4 members of the Fact Family of $3 + 4 = 7$?

- $3 + 4 = 7$
- $4 + 3 = 7$
- $7 - 3 = 4$
- $7 - 4 = 3$



What are the 4 members of the Fact Family of 8 + 1 = 9?

- 8 + 1 = 9
- 1 + 8 = 9
- 9 - 8 = 1
- 9 - 1 = 8

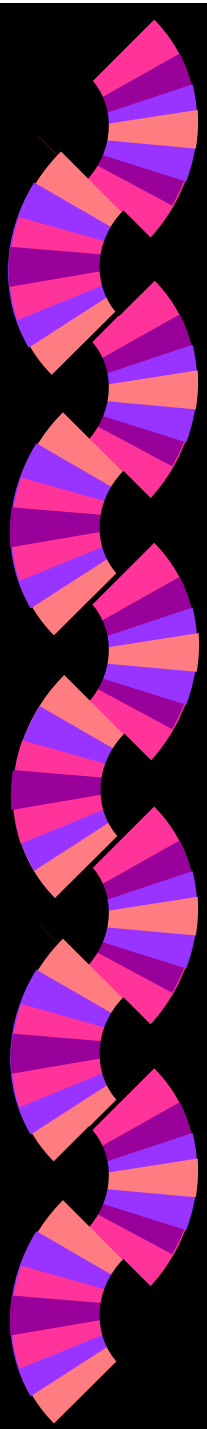


What are the 4 members of the Fact Family of 11 + 5 = 16?

- 11 + 5 = 16
- 5 + 11 = 16
- 16 - 11 = 5
- 16 - 5 = 11

What are the 4 members of the Fact Family of $9 + 7 = 16$?

- $9 + 7 = 16$
- $7 + 9 = 16$
- $16 - 9 = 7$
- $16 - 7 = 9$



What are the 4 members of the Fact Family of $12 + 7 = 19$?

- $12 + 7 = 19$
- $7 + 12 = 19$
- $19 - 12 = 7$
- $19 - 7 = 12$

Definitions

- Multiplicand - The numbers being multiplied.

  $4 \times 8 = 32$

- Inverse Operation - An opposite operation that undoes another.

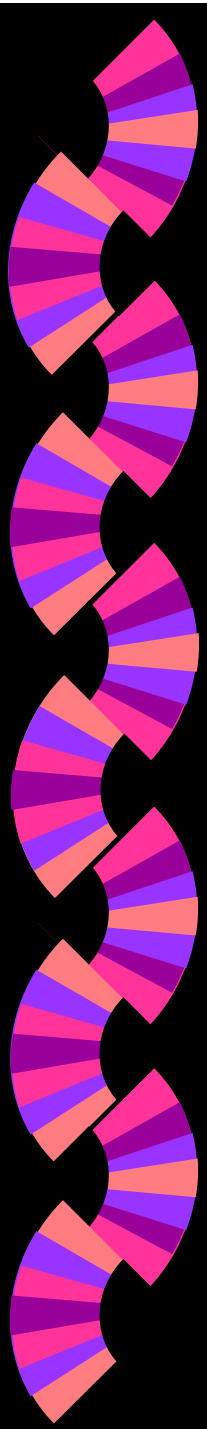
  $4 \times 8 = 32 \qquad 32 / 4 = 8$

Multiplication/Division Fact Families are found by:

- Starting with a simple multiplication fact. (3 x 9 = 27)
- Changing the multiplicands around.

  (9 x 3 = 27)
- Writing the Inverse operations for both.

  (27 / 3 = 9 & 27 / 9 = 3)

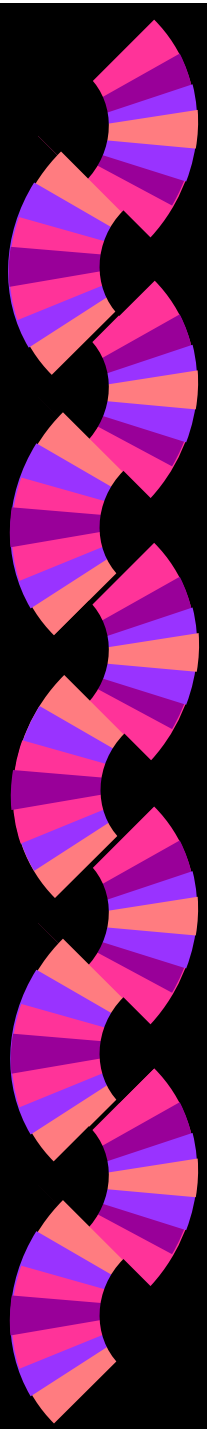


What are the 4 members of the Fact Family of $3 \times 7 = 21$?

- $3 \times 7 = 21$
- $7 \times 3 = 21$
- $21 / 3 = 7$
- $21 / 7 = 3$

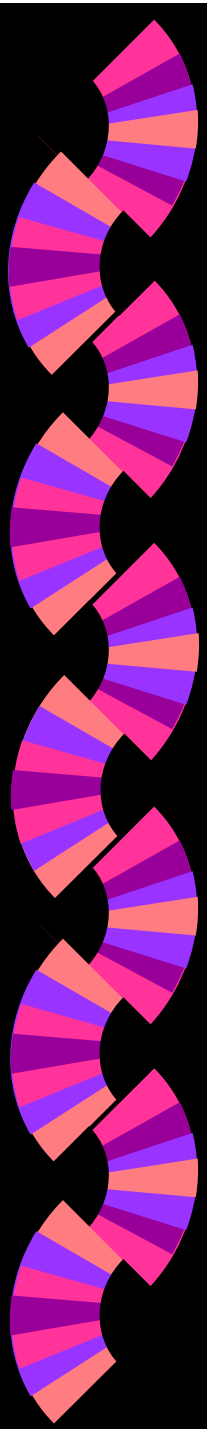
What are the 4 members of the Fact Family of $6 \times 4 = 24$?

- $6 \times 4 = 24$
- $4 \times 6 = 24$
- $24 / 6 = 4$
- $24 / 4 = 6$



What are the 4 members of the Fact Family of 7 x 8 = 56?

- 7 x 8 = 56
- 8 x 7 = 56
- 56 / 7 = 8
- 56 / 8 = 7



What are the 4 members of the Fact Family of $9 \times 7 = 63$?

- $9 \times 7 = 63$
- $7 \times 9 = 63$
- $63 / 9 = 7$
- $63 / 7 = 9$

What are the 4 members of the Fact Family of 6 x 7 = 42?

- 6 x 7 = 42
- 7 x 6 = 42
- 42 /6 = 7
- 42 / 7 = 6