



1

Common Core State Standards

**Standard:
1.0A.3**

Grade 1

**Made for teachers,
by teachers.**

**Worksheets and Activities
that teach every standard!**

Common Core State Standards

Apply properties of operations as strategies to add and subtract.

Examples: If $8 + 3 = 11$ is known, then $3 + 8 = 11$ is also known. (Commutative property of addition.) To add $2 + 6 + 4$, the second two numbers can be added to make a ten, so $2 + 6 + 4 = 2 + 10 = 12$. (Associative property of addition.)

First Grade



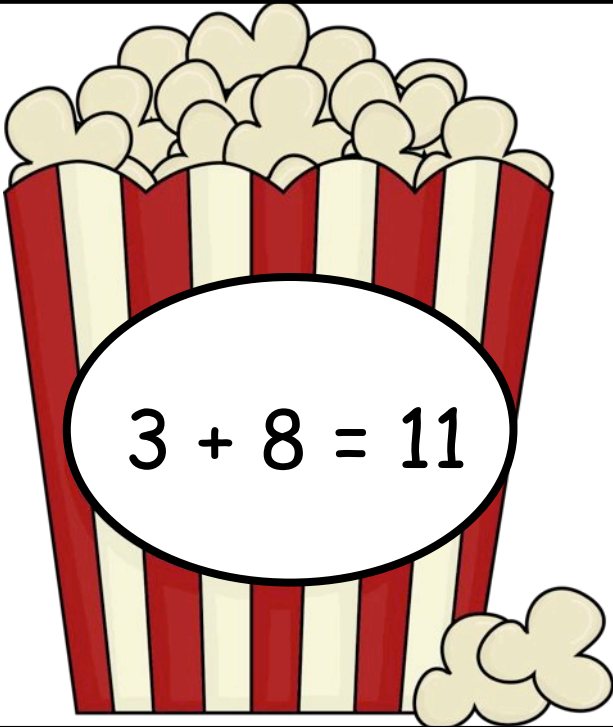
$$5 + 3 = 8$$

$$3 + 5 = 8$$

Directions

Cut out all activity cards. Use commutative properties of addition to match the popcorn cards to the matching popcorn container. Use the activity worksheet to understand commutative properties of addition.


$$8 + 3 = 11$$


$$3 + 8 = 11$$


$$2 + 5 = 7$$


$$5 + 2 = 7$$


$$10 + 5 = 15$$


$$5 + 10 = 15$$


$$10 + 2 = 12$$


$$2 + 10 = 12$$


$$2 + 1 = 3$$

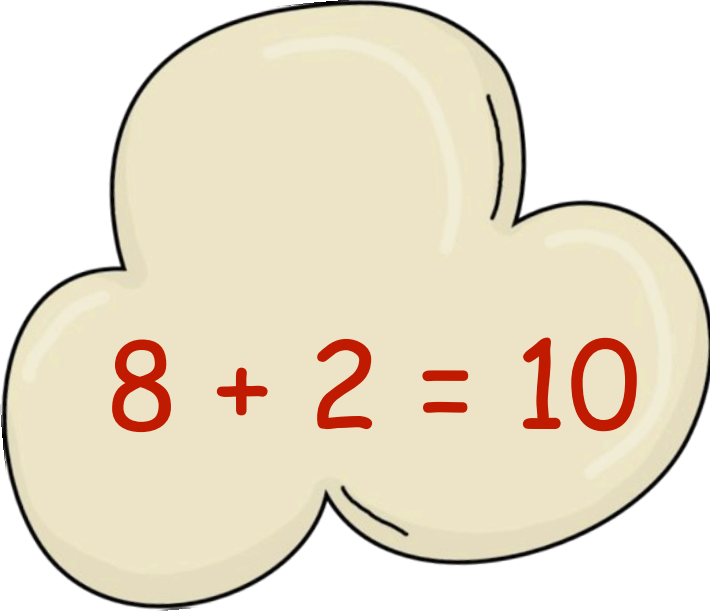

$$1 + 2 = 3$$

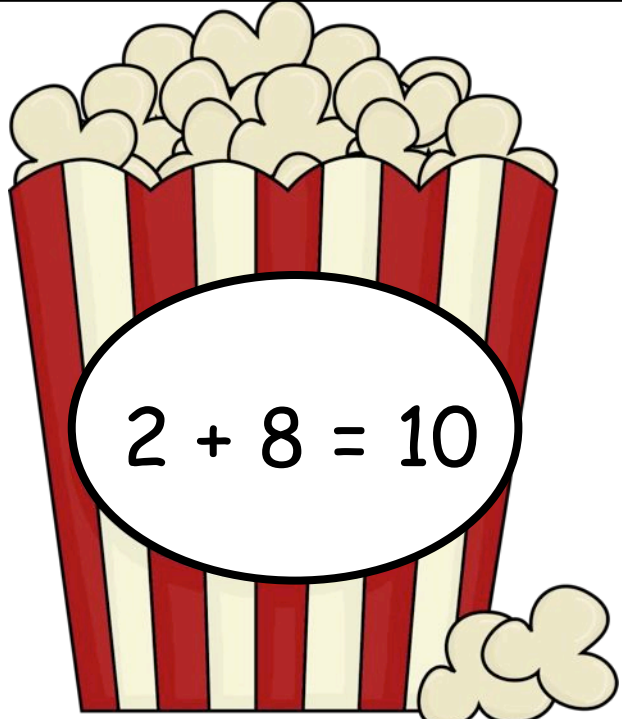

$$5 + 3 = 8$$


$$3 + 5 = 8$$


$$2 + 3 = 5$$


$$3 + 2 = 5$$


$$8 + 2 = 10$$


$$2 + 8 = 10$$

name: _____ commutative property of addition

$$8 + 3 = \underline{\quad}$$

$$3 + 8 = \underline{\quad}$$

$$2 + 5 = \underline{\quad}$$

$$5 + 2 = \underline{\quad}$$

$$10 + 5 = \underline{\quad}$$

$$5 + 10 = \underline{\quad}$$

$$10 + 2 = \underline{\quad}$$

$$2 + 10 = \underline{\quad}$$

$$8 + 2 = \underline{\quad}$$

$$2 + 8 = \underline{\quad}$$

$$2 + 1 = \underline{\quad}$$

$$1 + 2 = \underline{\quad}$$

$$5 + 3 = \underline{\quad}$$

$$3 + 5 = \underline{\quad}$$

$$2 + 3 = \underline{\quad}$$

$$3 + 2 = \underline{\quad}$$

I Know This, so I Know...

Directions: Solve the first addition equation. Think about the addends, then solve the second equation. What do you notice?

If I know $4 + 5 = \underline{\quad}$ then I know that $5 + 4 = \underline{\quad}$	If I know $3 + 6 = \underline{\quad}$ then I know that $6 + 3 = \underline{\quad}$
If I know $7 + 6 = \underline{\quad}$ then I know that $6 + 7 = \underline{\quad}$	If I know $8 + 5 = \underline{\quad}$ then I know that $5 + 8 = \underline{\quad}$
If I know $2 + 9 = \underline{\quad}$ then I know that $9 + 2 = \underline{\quad}$	If I know $8 + 3 = \underline{\quad}$ then I know that $3 + 8 = \underline{\quad}$
If I know $9 + 5 = \underline{\quad}$ then I know that $5 + 9 = \underline{\quad}$	If I know $7 + 8 = \underline{\quad}$ then I know that $8 + 7 = \underline{\quad}$
If I know $10 + 5 = \underline{\quad}$ then I know that $5 + 10 = \underline{\quad}$	If I know $6 + 11 = \underline{\quad}$ then I know that $11 + 6 = \underline{\quad}$
If I know $12 + 6 = \underline{\quad}$ then I know that $6 + 12 = \underline{\quad}$	If I know $8 + 9 = \underline{\quad}$ then I know that $9 + 8 = \underline{\quad}$

Find the Ten, Then add...

Directions: Solve the first addition equation. Find the addends that make 10, then rewrite, and solve the second equation.

$\begin{array}{c} 4 + 6 + 3 = ___ \\ \vee \\ 10 + 3 = 13 \end{array}$	$\begin{array}{c} 3 + 7 + 5 = ___ \\ \vee \\ ___ + 5 = ___ \end{array}$
$\begin{array}{c} 4 + 2 + 8 = ___ \\ \vee \\ 4 + ___ = ___ \end{array}$	$\begin{array}{c} 5 + 5 + 9 = ___ \\ \vee \\ ___ + 9 = ___ \end{array}$
$\begin{array}{c} 6 + 4 + 2 = ___ \\ \vee \\ ___ + ___ = ___ \end{array}$	$\begin{array}{c} 2 + 8 + 1 = ___ \\ \vee \\ ___ + ___ = ___ \end{array}$
$\begin{array}{c} 2 + 1 + 9 = ___ \\ \vee \\ ___ + ___ = ___ \end{array}$	$\begin{array}{c} 10 + 0 + 6 = ___ \\ \vee \\ ___ + ___ = ___ \end{array}$
$\begin{array}{c} 7 + 7 + 3 = ___ \\ \vee \\ ___ + ___ = ___ \end{array}$	$\begin{array}{c} 5 + 5 + 3 = ___ \\ \vee \\ ___ + ___ = ___ \end{array}$
$\begin{array}{c} * \\ 2 + 6 + 8 = ___ \\ ___ + ___ = ___ \end{array}$	$\begin{array}{c} * \\ 3 + 6 + 7 = ___ \\ ___ + ___ = ___ \end{array}$

Name: _____

Date: _____

Directions: Solve the addition equations below by applying the commutative and associative properties.

Assessment

Remember:

If you know $6 + 3 = 9$ then you know that $3 + 6 = 9$; and if you know how to make 10, you can solve $2 + 4 + 6$ by combining $4 + 6 = 10$ and adding 2, so $10 + 2 = 12$.

1.

$2 + 8 = \underline{\quad}$

2.

$4 + 11 = \underline{\quad}$

3.

$6 + 4 + 6 = \underline{\quad}$

4.

$7 + 12 = \underline{\quad}$

5.

$3 + 7 + 2 = \underline{\quad}$

6.

$5 + 12 = \underline{\quad}$

7.

$5 + 1 + 5 = \underline{\quad}$

8.

$2 + 9 + 8 = \underline{\quad}$

9.

$11 + 7 = \underline{\quad}$

10.

$8 + 9 = \underline{\quad}$

11.

$2 + 5 + 8 = \underline{\quad}$

12.

$9 + 4 + 1 = \underline{\quad}$