1

Common Core State Standards

Standard:

1.OA.7

Grade 1

Made for teachers, by teachers.

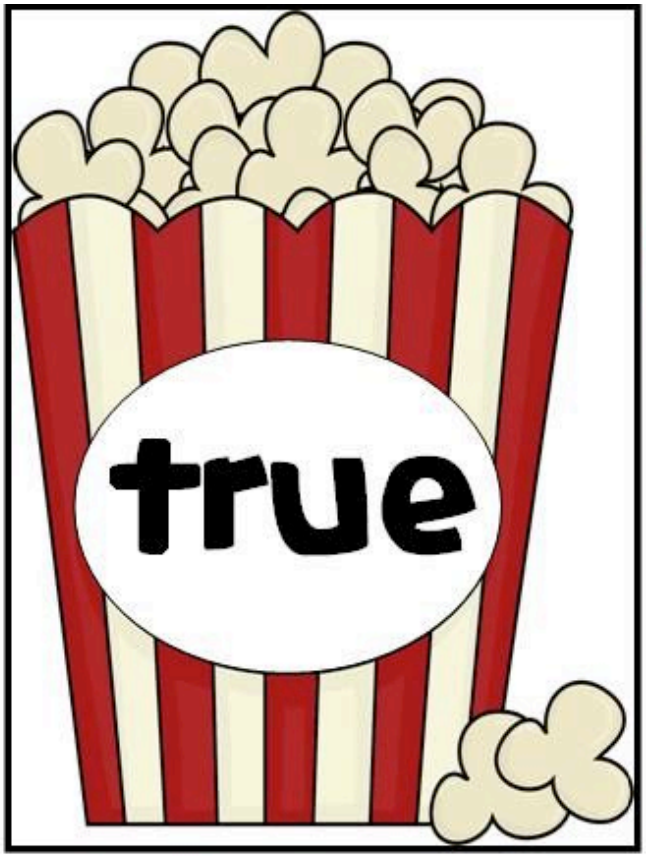
Worksheets and Activities that teach every standard!

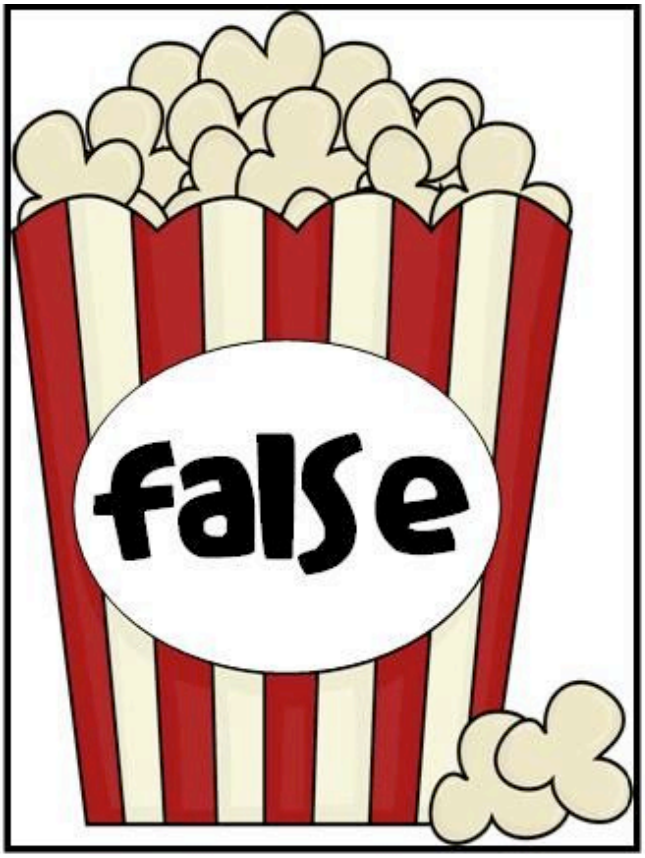
Common Core State Standards

Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false. For example, which of the following equations are true and which are false? 6 = 6, 7 = 8 – 1, 5 + 2 = 2 + 5, 4 + 1 = 5 + 2.

First Grade

Understanding the meaning of the equals sign





Directions

Cut out all activity cards. Look at each popcorn equation card. Decide if the equation is true or false. Sort each popcorn equation card under the true or false popcorn containers.

Standard: Mathematics | Operations and Algebraic Thinking | 1.OA.7

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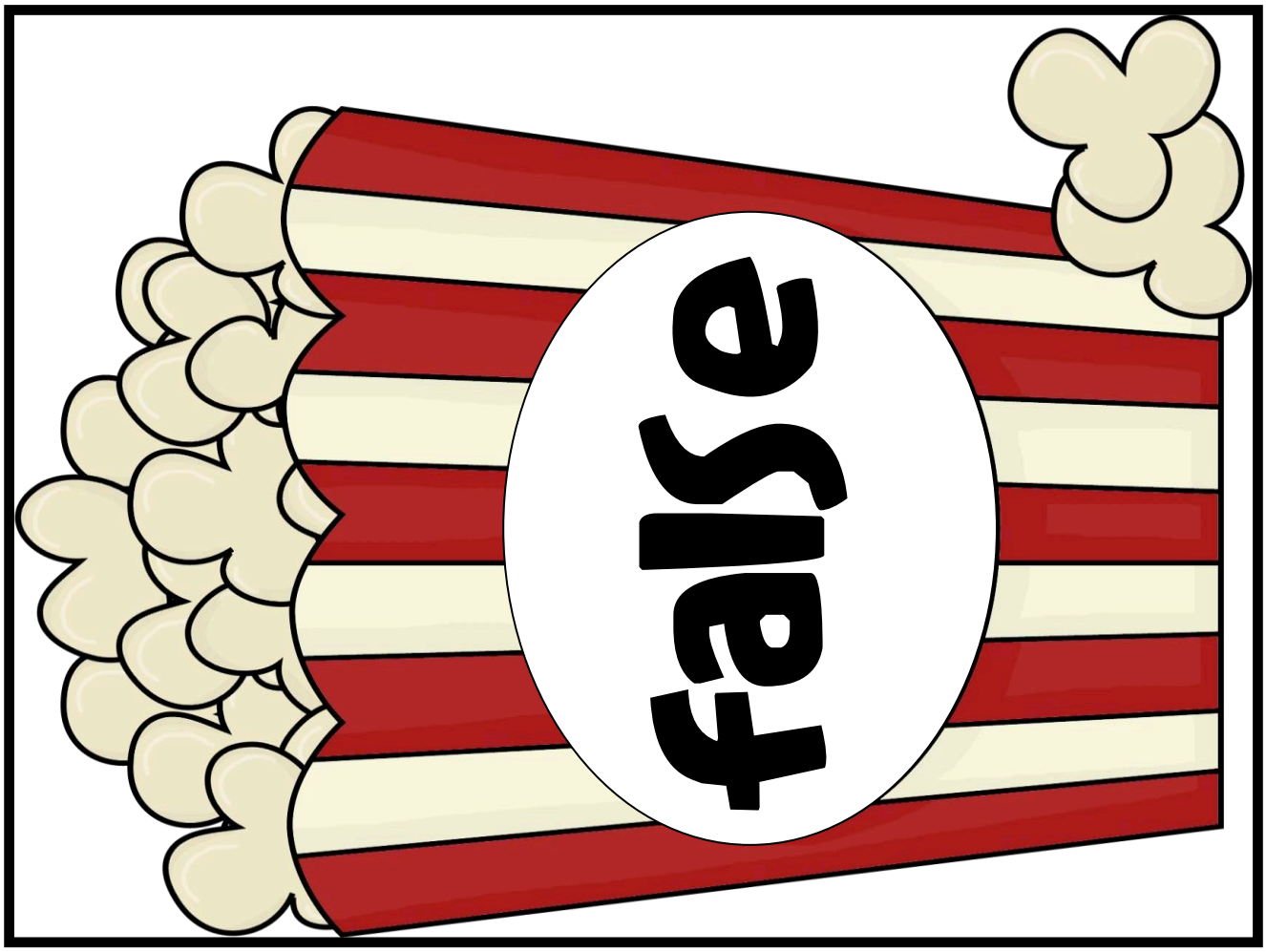
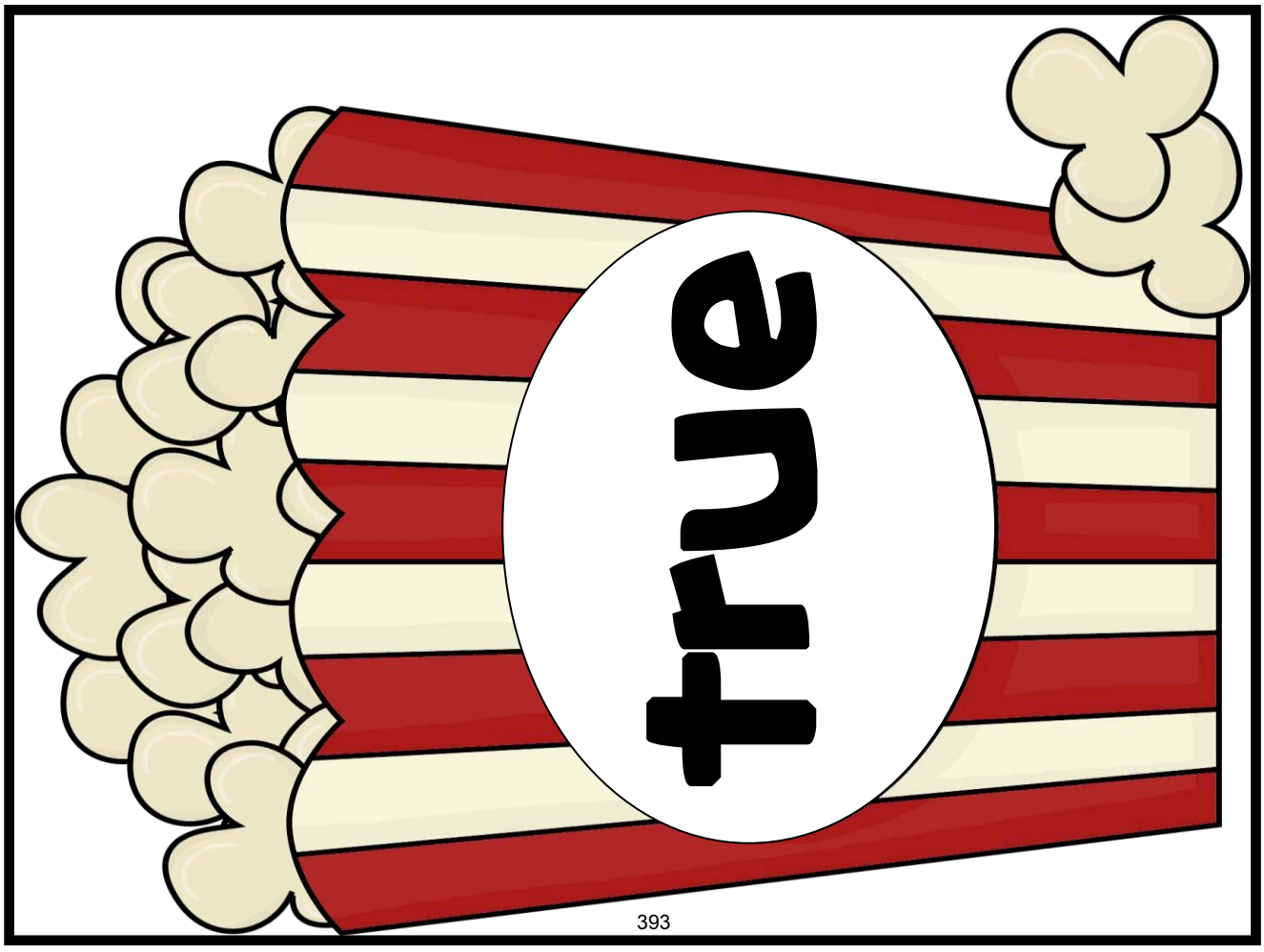

false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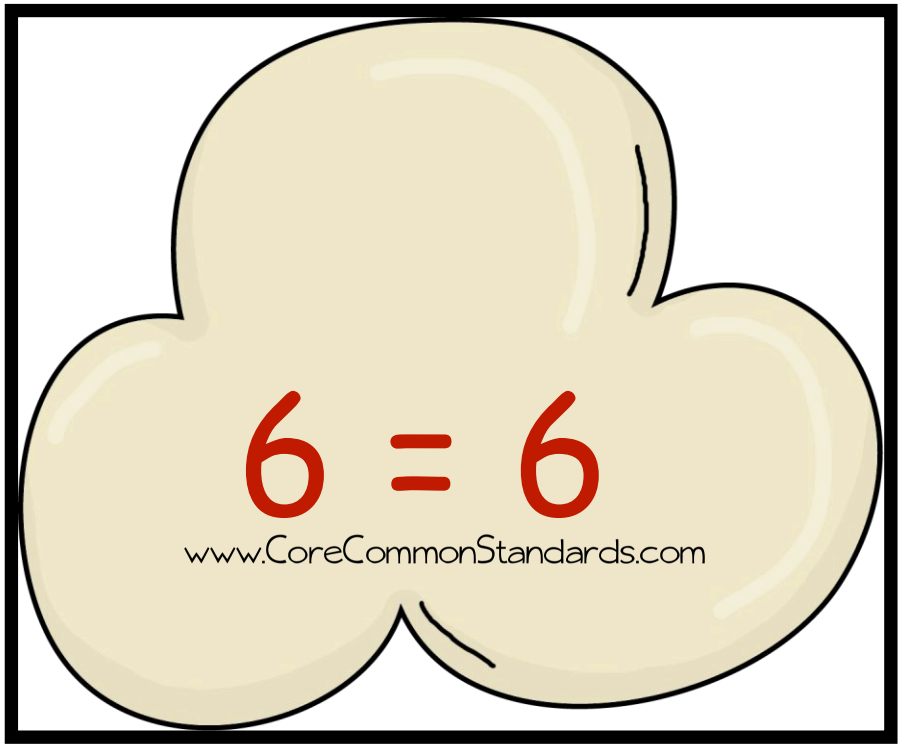
6 = 6
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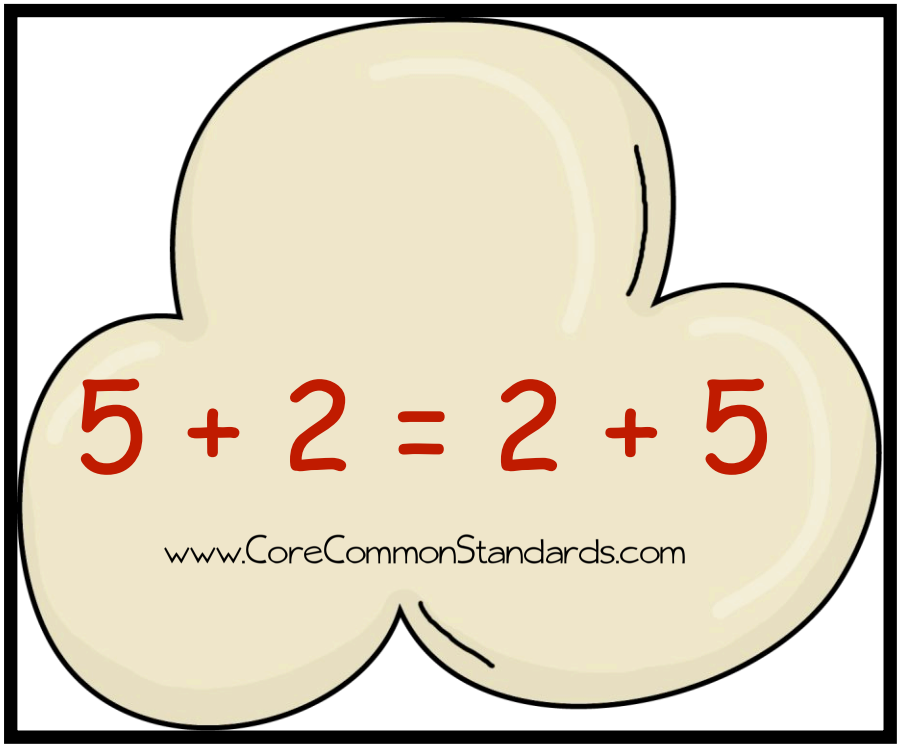
5 + 2 = 2 + 5
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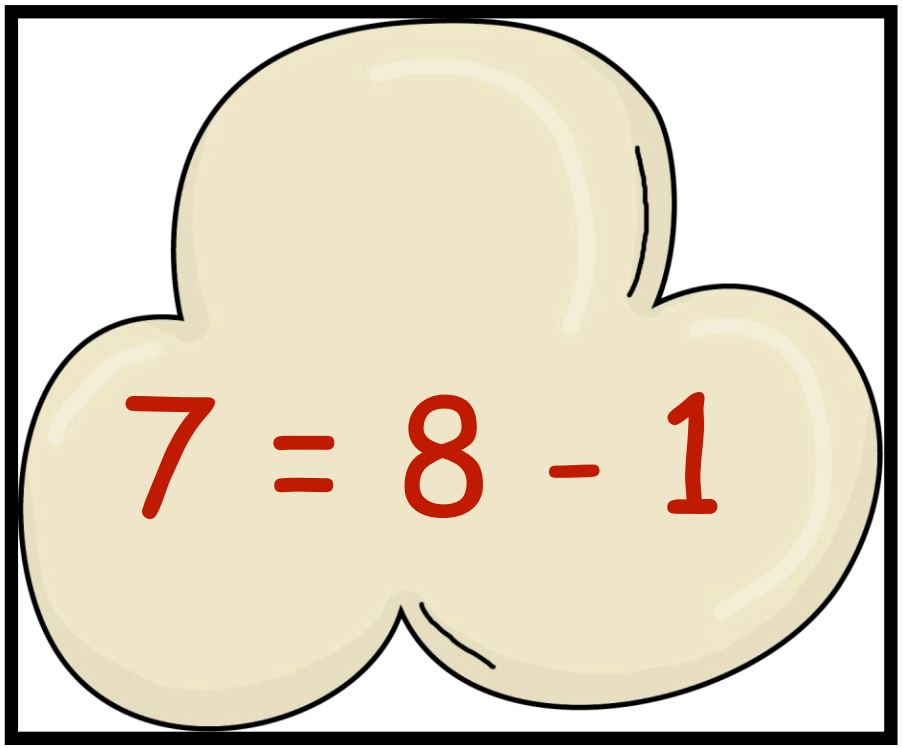
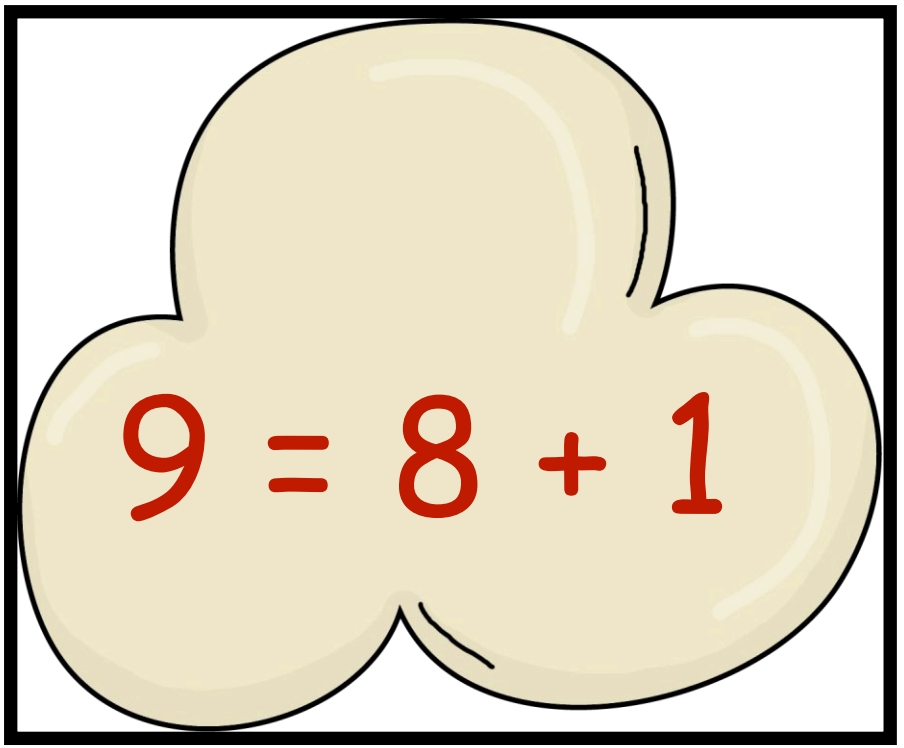

7 = 8 - 1


9 = 8 + 1


10 = 10
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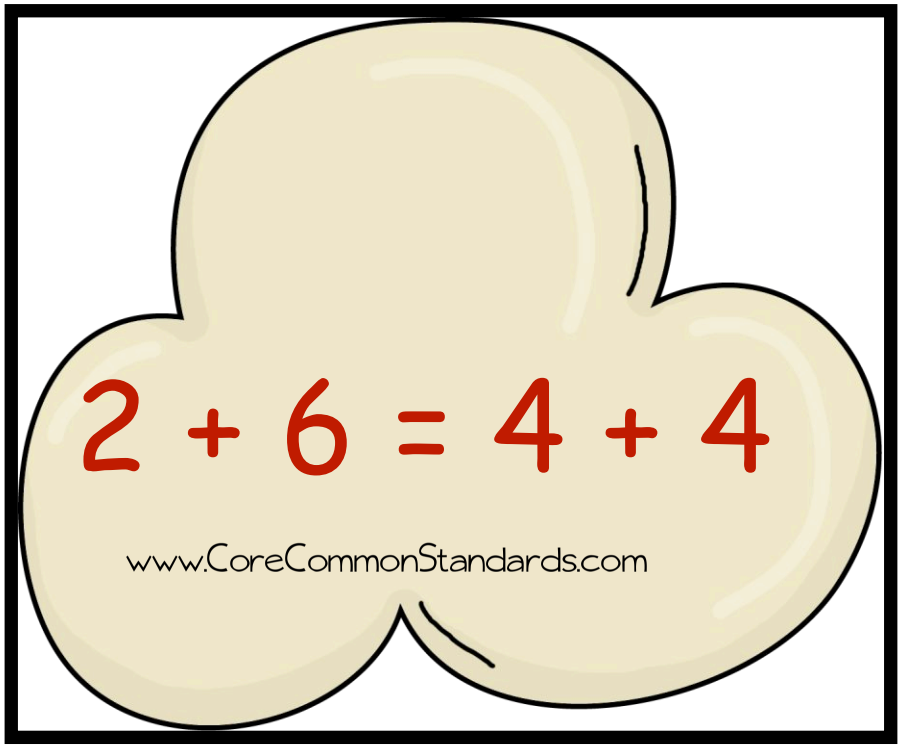
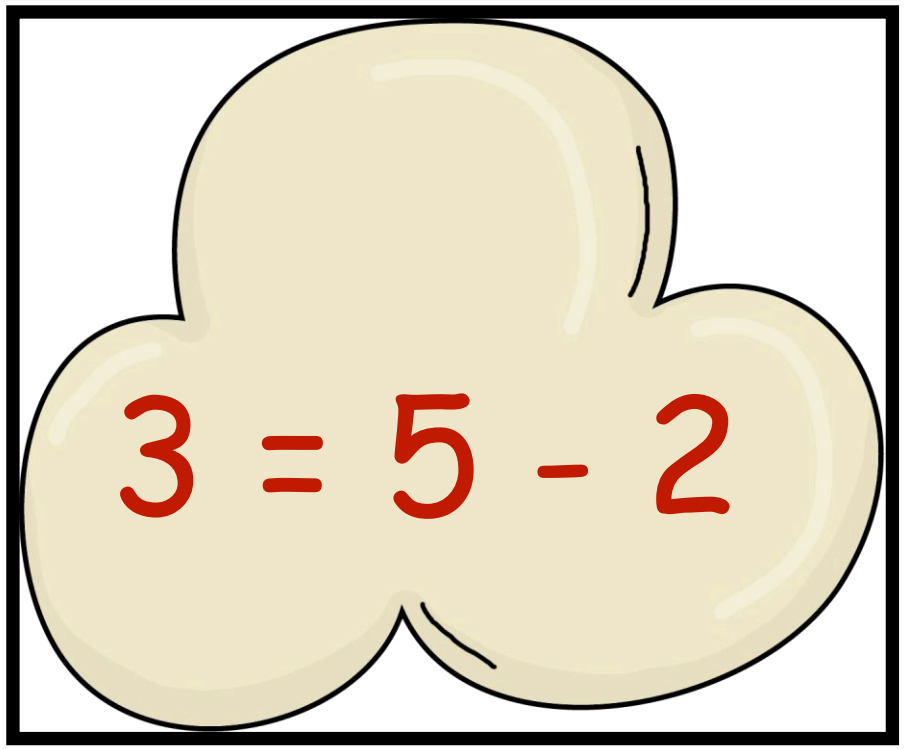
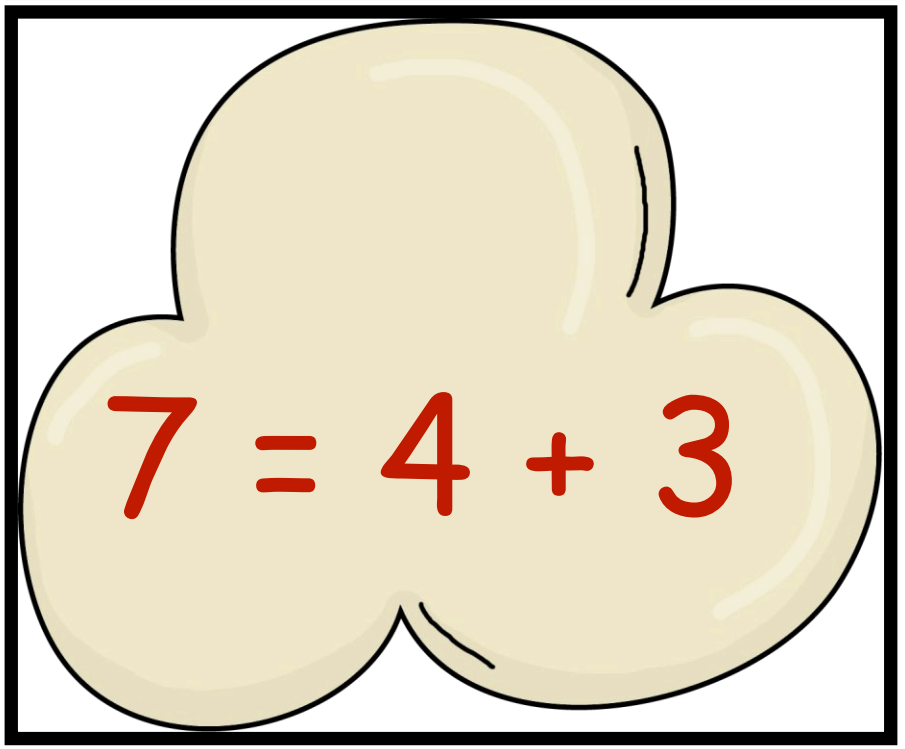
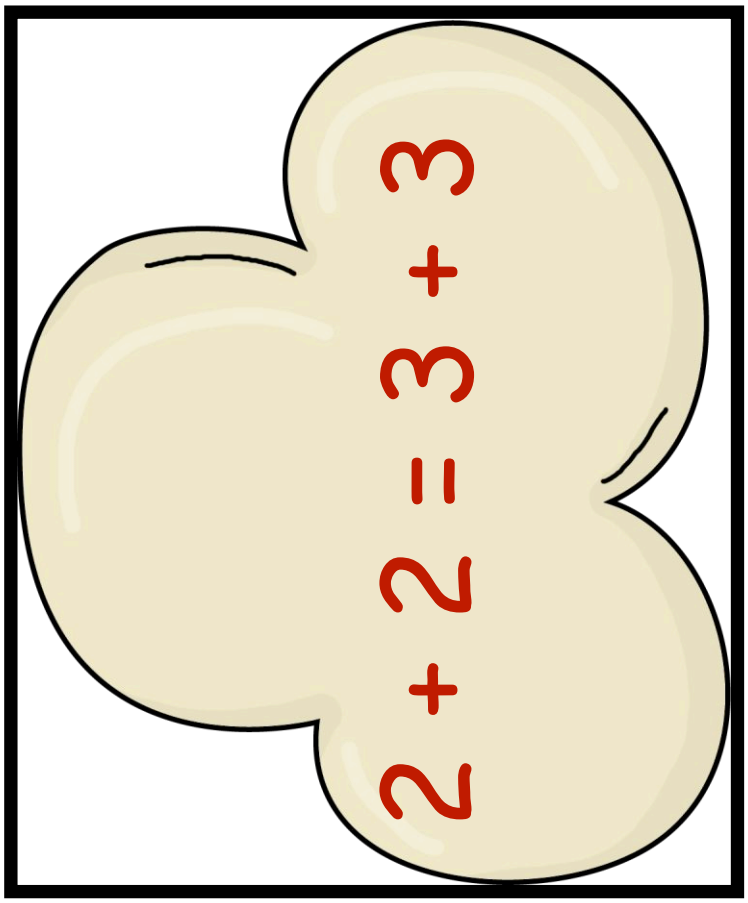
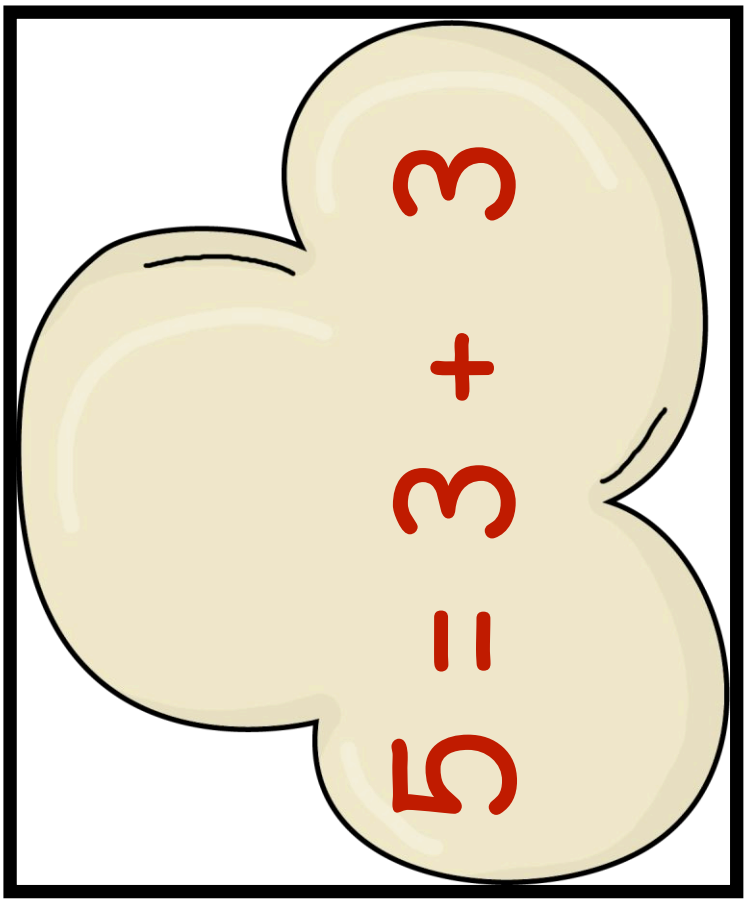
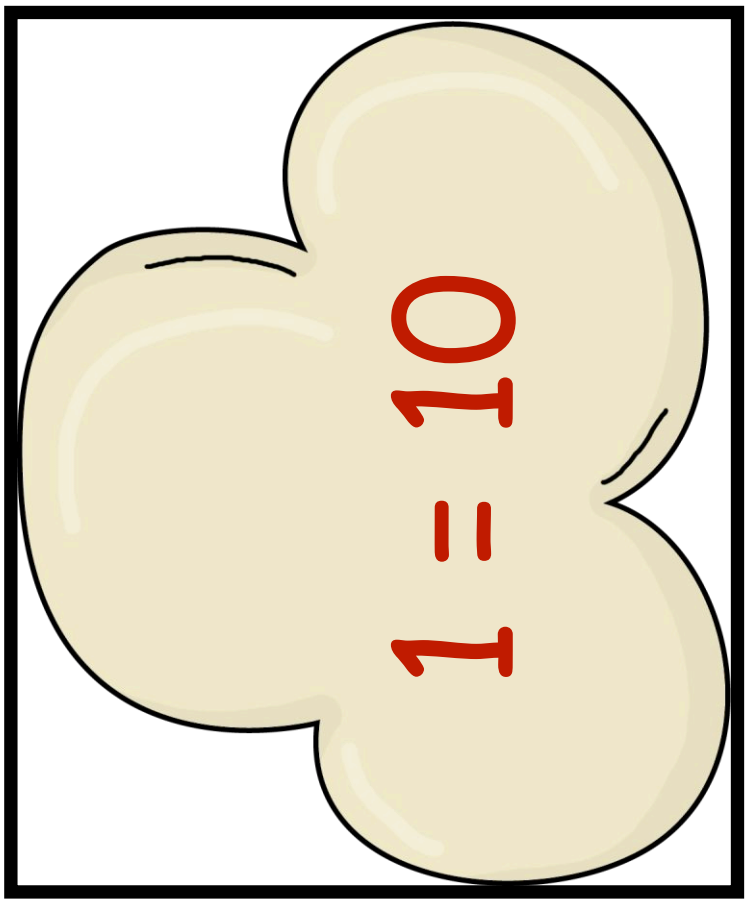

2 + 6 = 4 + 4
www.CoreCommonStandards.com

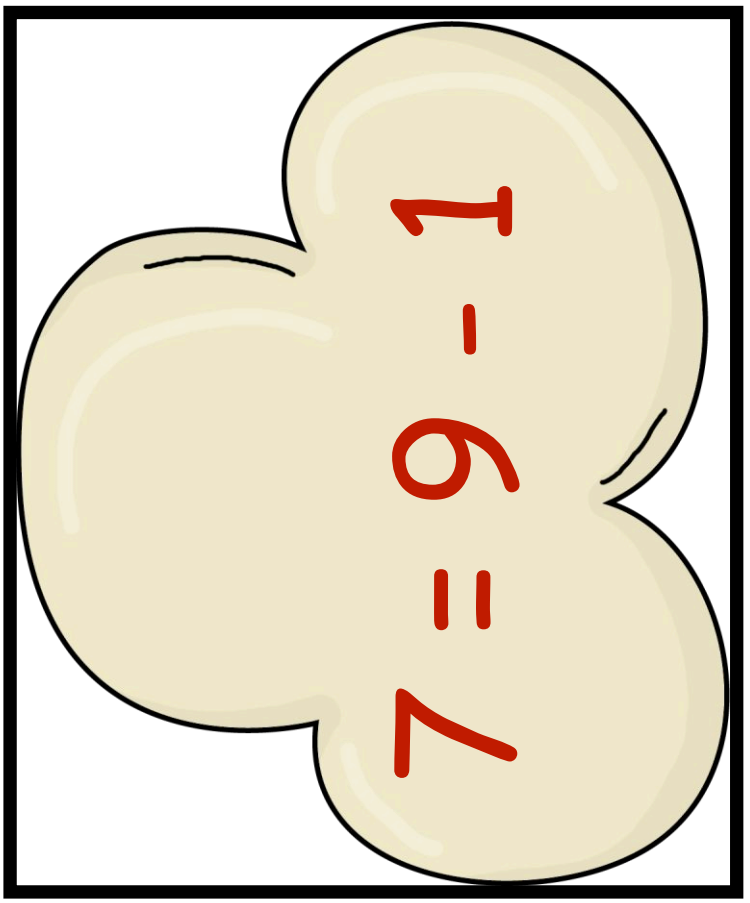

3 = 5 - 2

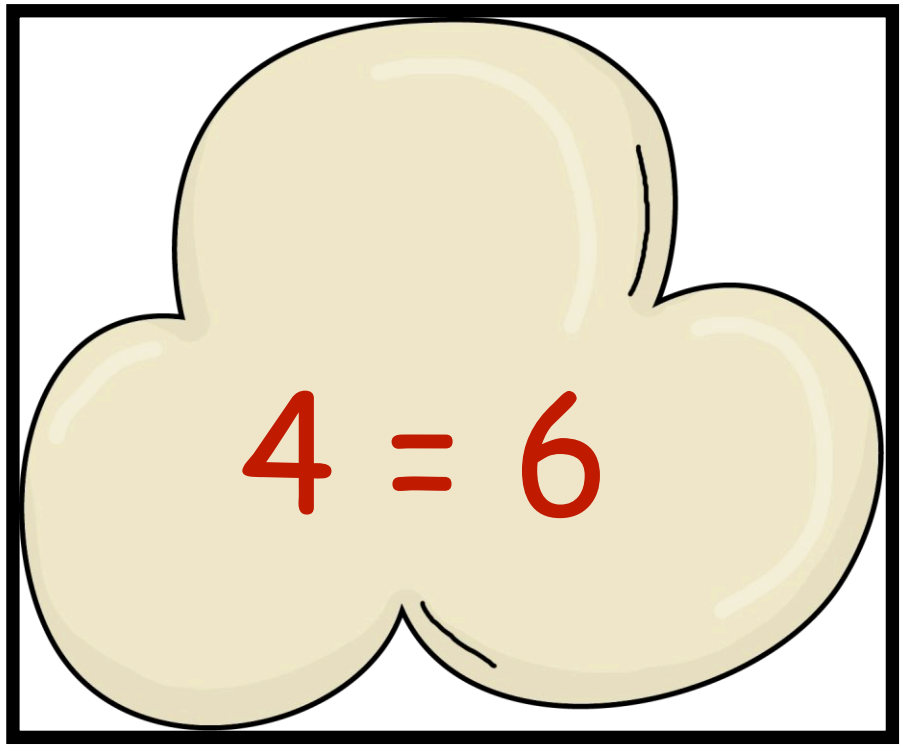

7 = 4 + 3

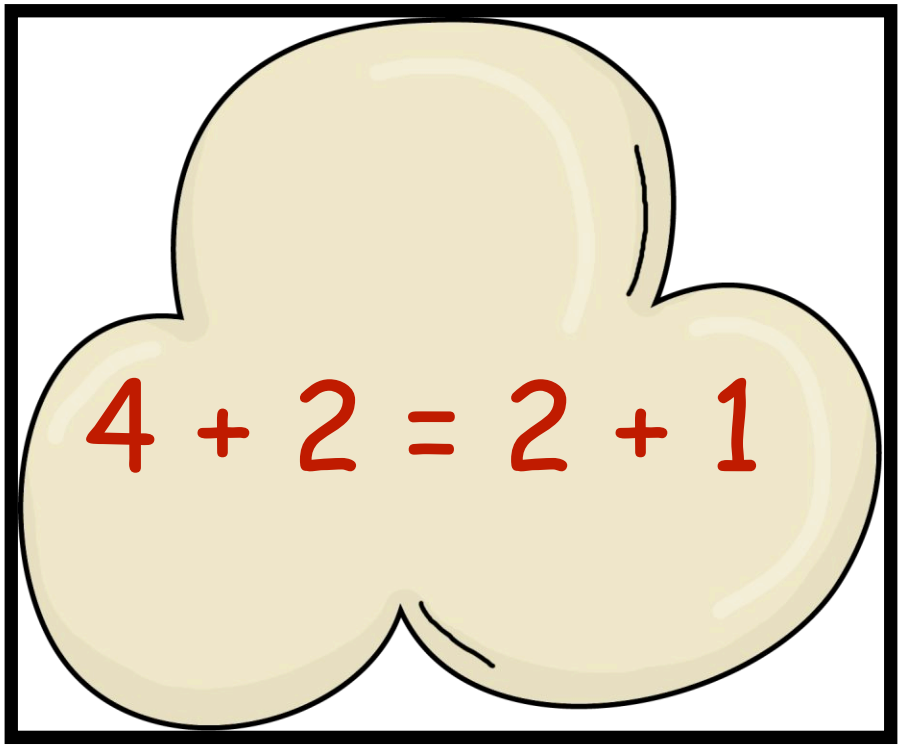

2 + 2 = 3 + 3

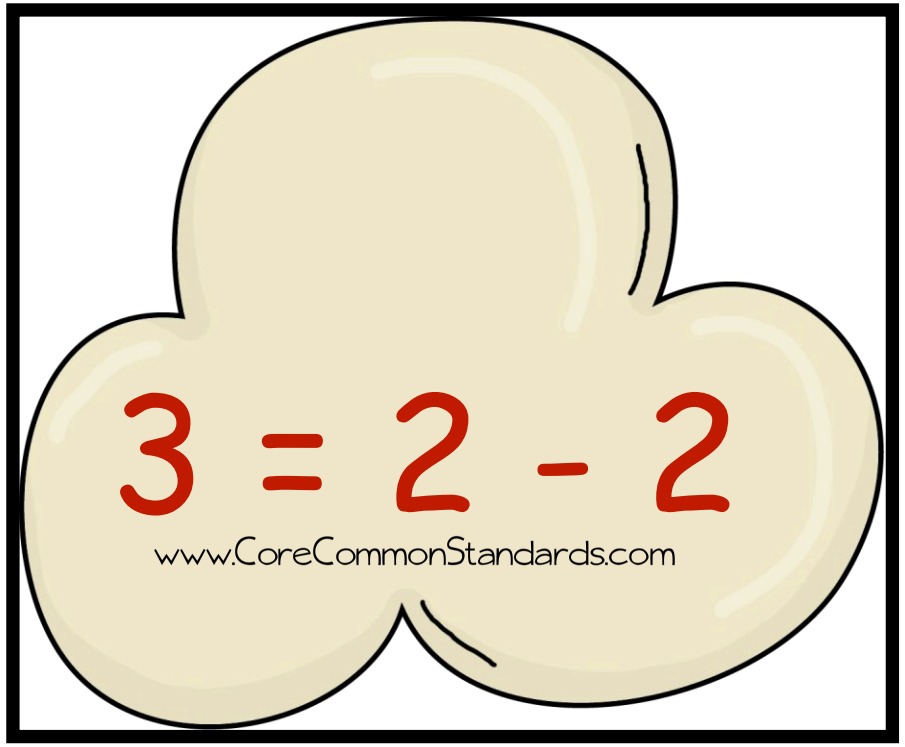

5 = 3 + 3


1 = 10


7 = 9 - 1


4 = 6


4 + 2 = 2 + 1


3 = 2 - 2
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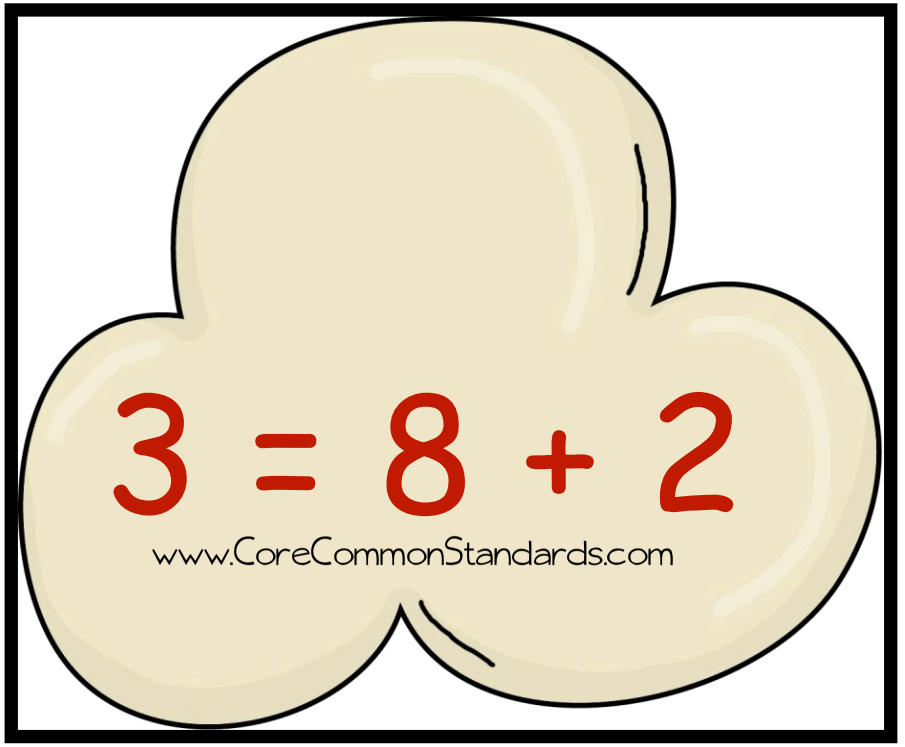
3 = 8 + 2
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Level: First Grade Name: _____

True or False?

Directions: Read the addition equations below. Are they true? Are both sides of the equal sign the same? Fill in the bubbles that show the true equations.

Sample (A) $2 + 4 = 4 + 2$ (B) $4 + 3 = 4 + 4$	1. (A) $5 + 3 + 1 = 4 + 5$ (B) $4 + 4 + 2 = 8 + 1 + 2$
2. (A) $5 + 5 = 2 + 2 + 3$ (B) $3 + 1 = 2 + 2$	3. (A) $2 + 6 = 4 + 5$ (B) $6 + 4 + 1 = 7 + 1 + 3$
4. (A) $3 + 3 + 3 = 4 + 4$ (B) $3 + 3 + 3 = 4 + 4$	5. (A) $8 + 5 = 10 + 3$ (B) $12 + 5 = 10 + 3$
6. (A) $9 + 3 = 3 + 9$ (B) $9 + 12 = 8 + 4$	7. (A) $3 + 4 = 5 + 2$ (B) $9 + 3 = 11 + 2$
8. (A) $8 + 4 = 2 + 5$ (B) $17 + 5 = 5 + 17$	9. (A) $2 + 7 = 8 + 1$ (B) $12 + 4 = 2 + 4$

Standard: Math I Operations & Algebraic Thinking I 1.OA.7

Level: First Grade Name: _____

True or False?

Directions: Read the subtraction equations below. Are they true? Are both sides of the equal sign the same? Fill in the bubbles that show the true equations.

Sample (A) 5 - 5 = 4 - 4 (B) 4 - 3 = 4 - 4	1. (A) 8 - 3 = 3 - 2 (B) 9 - 3 = 8 - 2
2. (A) 6 - 2 = 8 - 4 (B) 4 - 1 = 9 - 2	3. (A) 6 - 3 = 3 - 3 (B) 6 - 1 = 9 - 4
4. (A) 12 - 3 = 10 - 1 (B) 8 - 4 = 5 - 3	5. (A) 13 - 3 = 15 - 5 (B) 13 - 0 = 15 - 0
6. (A) 5 - 4 = 6 - 5 (B) 12 - 6 = 6 - 3	7. (A) 7 - 3 = 5 - 2 (B) 9 - 3 = 6 - 0
8. (A) 8 - 4 = 2 - 1 (B) 10 - 5 = 5 - 0	9. (A) 7 - 2 = 10 - 5 (B) 12 - 2 = 10 - 1

Standard: Math I Operations & Algebraic Thinking I 1.OA.7

Level: First Grade Name: _____

True or False?

Directions: Read the equations below. Are they true? Are both sides of the equal sign the same? Fill in the bubbles that show the true equations.

Sample	A	3 + 4 = 4 + 3	1.	A	2 + 3 + 4 = 4 + 5
	B	7 + 1 = 4 + 4		B	8 + 10 + 2 = 5 + 1 + 6
	C	5 + 1 = 7 + 2		C	9 + 3 + 1 = 7 + 3 + 3
2.	A	8 + 1 = 3 + 3 + 3	3.	A	8 + 1 = 4 + 5
	B	5 + 1 = 7 + 0		B	3 + 2 + 9 = 7 + 1 + 5
	C	5 + 1 + 2 = 8 + 0		C	4 + 4 = 2 + 3
4.	A	9 + 1 + 6 = 7 + 3 + 2	5.	A	8 - 5 = 10 - 2
	B	5 + 2 + 10 = 8 + 3 + 3		B	12 - 5 = 10 - 3
	C	9 + 2 + 8 = 10 + 10 + 2		C	12 - 5 = 13 - 2
6.	A	9 - 3 = 10 - 4	7.	A	20 - 14 = 18 - 12
	B	17 - 12 = 19 - 4		B	18 - 3 = 14 - 4
	C	16 - 10 = 8 - 2		C	15 - 4 = 19 - 8
8.	A	18 - 14 = 20 - 15	9.	A	20 - 7 = 20 - 6
	B	17 - 5 = 14 - 9		B	14 - 6 = 19 - 11
	C	12 - 5 = 15 - 3		C	18 - 4 = 14 - 2

Standard: Math I Operations & Algebraic Thinking I 1.OA.7

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True or False?

Directions: Read the equations below. Are they true? Are both sides of the equal sign the same? Fill in the bubbles that show the true equations.

Sample	A	4 + 2 + 5 = 8 + 2 + 1	1.	A	4 + 1 + 5 = 19 - 4
	B	7 + 3 = 15 - 5		B	16 - 8 = 4 + 2 + 2
	C	12 - 9 = 5 - 2		C	17 - 5 = 12 - 0
2.	A	16 + 0 = 13 + 3	3.	A	5 + 6 + 4 = 20 - 5
	B	19 - 5 = 7 + 7		B	7 + 12 = 13 + 6
	C	6 + 3 = 20 - 11		C	17 - 6 = 14 - 3
4.	A	9 + 1 + 3 = 6 + 3 + 1	5.	A	18 - 5 = 10 + 3
	B	5 + 1 + 10 = 18 - 2		B	12 - 5 = 5 + 2
	C	2 + 4 + 12 = 20 - 0		C	10 + 3 + 2 = 17 - 6
6.	A	19 - 5 = 7 + 7	7.	A	12 + 5 = 10 + 7
	B	18 + 1 = 13 + 5		B	16 - 8 = 4 + 4
	C	15 - 7 = 5 + 3		C	3 + 9 + 1 = 20 - 7
8.	A	14 + 3 = 20 - 3	9.	A	12 - 0 = 7 + 2
	B	4 + 4 + 4 = 10 + 2		B	6 + 12 = 14 + 4
	C	5 + 3 = 19 - 5		C	20 - 8 = 10 + 2

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Score

Name: _____ **Date:** _____

Directions: True or False? Choose True (T) if the values on both sides of the equal sign are equal. Choose False (F) if the values are not equal.

Assessment

1. $4 + 6 = 10$ ○ T ○ F

2. $2 + 2 = 1 + 3$ ○ T ○ F

3. $5 + 4 = 12$ ○ T ○ F

4. $13 = 1 + 10$ ○ T ○ F

5. $5 + 2 + 1 = 9$ ○ T ○ F

6. $3 + 5 + 2 = 10$ ○ T ○ F

7. $13 = 6 + 9$ ○ T ○ F

8. $4 + 9 = 19$ ○ T ○ F

9. $7 + 5 = 6 + 6$ ○ T ○ F

10. $2 + 7 = 9$ ○ T ○ F