

True or False Equations

True or False Equations

True

False

$43 + 13 = 33 + 33$

$29 - 15 = 30 - 14$

$99 - 23 = 83 - 29$

$29 + 61 = 37 + 53$

$44 + 52 = 62 + 34$

$76 - 19 = 90 - 33$

$54 + 26 = 44 + 36$

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True or False Equations

If the equation is true, color the balance green. If the equation is false, color the balance red.

$47 + 21 = 15 + 53$

$71 + 19 = 42 + 48$

$73 + 17 = 45 + 39$

$38 + 15 = 21 + 32$

$64 + 27 = 17 + 74$

$58 + 27 = 61 + 19$

True or False Equations

If the equation is true, color the balance green. If the equation is false, color the balance red.

$43 - 29 = 46 - 32$

$18 + 29 = 31 + 16$

$78 - 24 = 85 - 31$

$48 + 32 = 59 + 27$

$95 - 31 = 74 - 19$

$67 + 24 = 39 + 52$

FALSE

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$18 + 42 = 46 + 12$

$21 + 35 = 34 + 18$

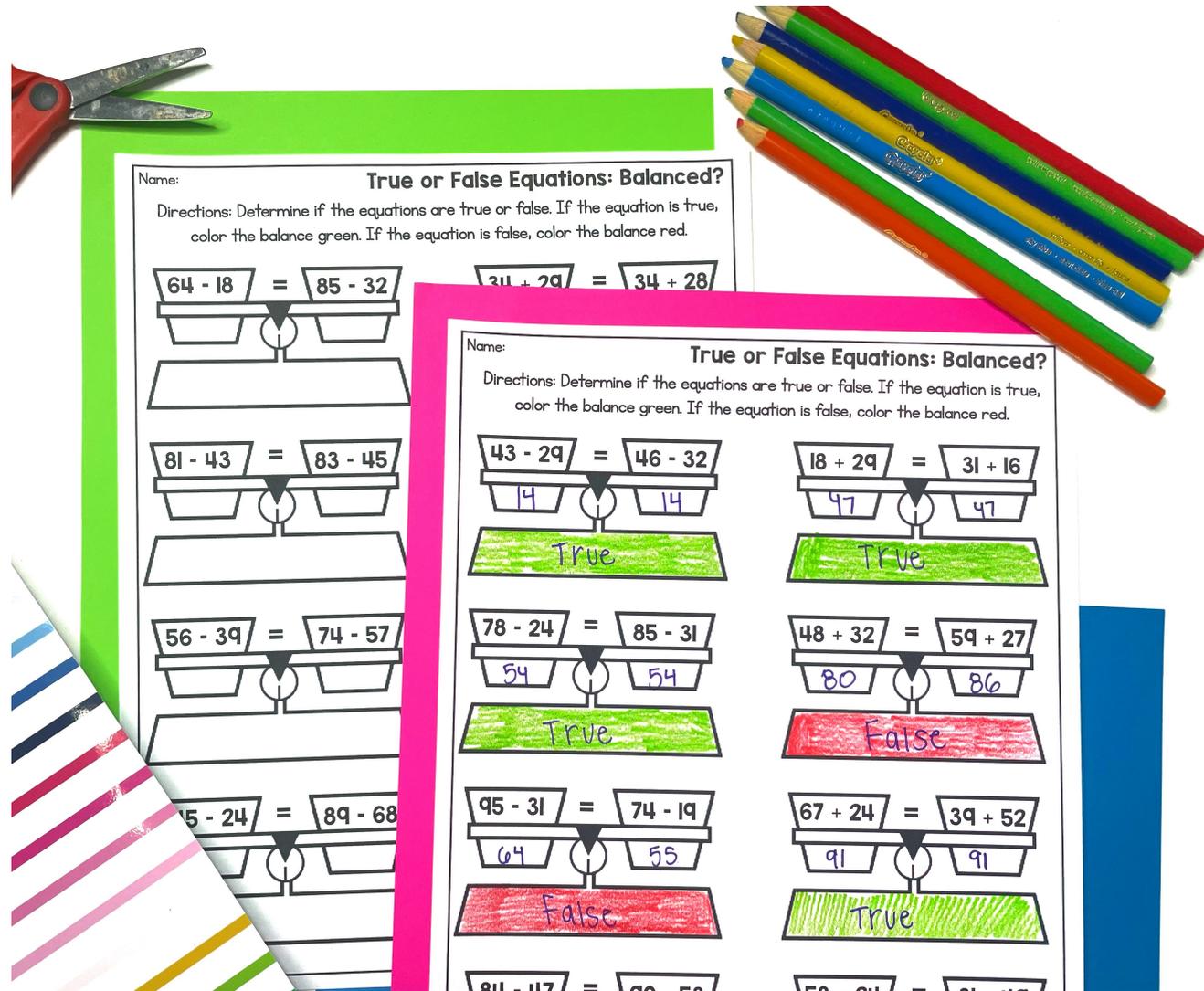
Name: _____

Directions: Determine if the equations are true or false. Write each equation in the correct column below.

True Equations	False Equations
$27 + 13 = 26 + 14$	$19 + 53 = 46 + 24$
$45 + 21 = 25 + 41$	$41 + 18 = 36 + 45$

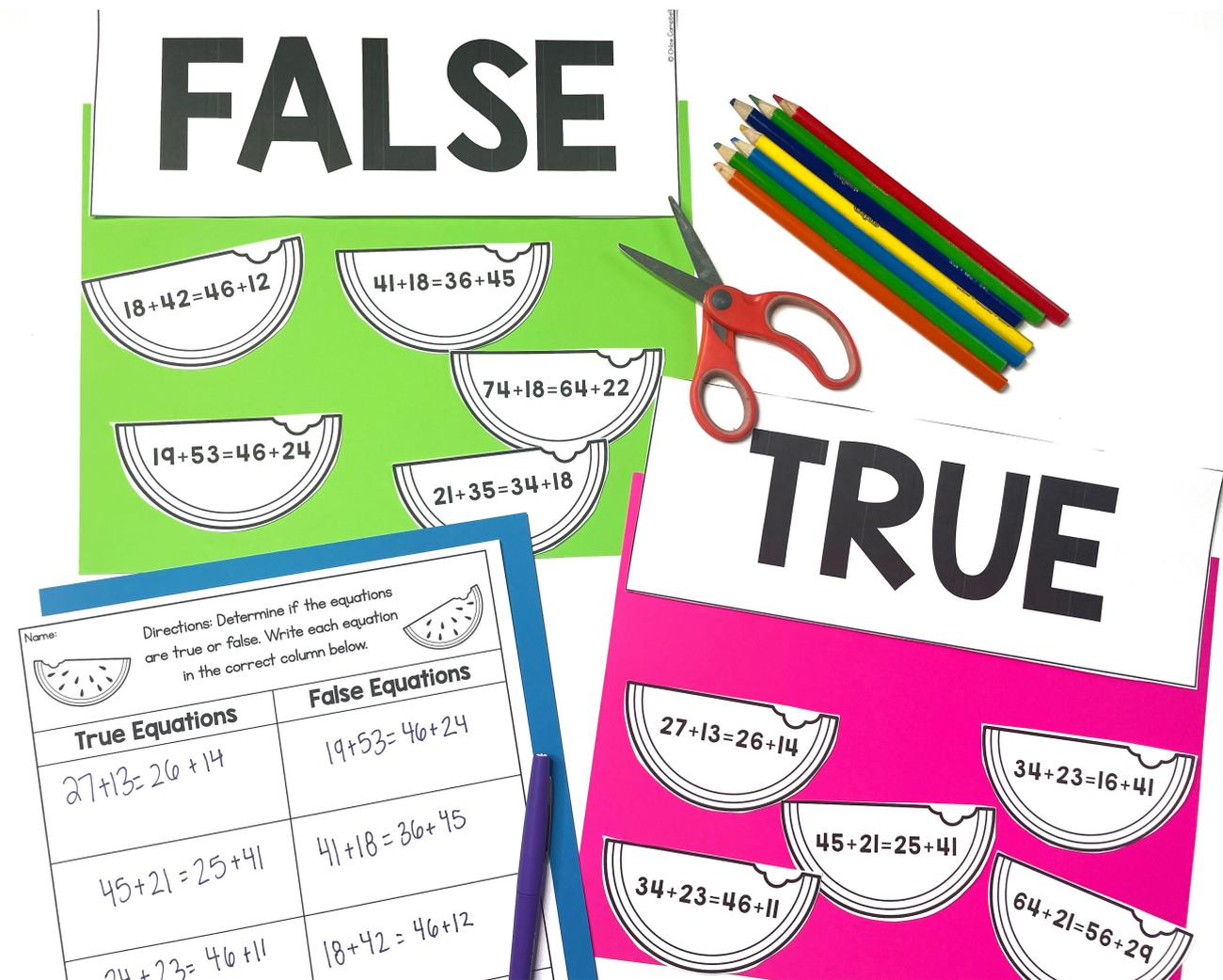
What's included?

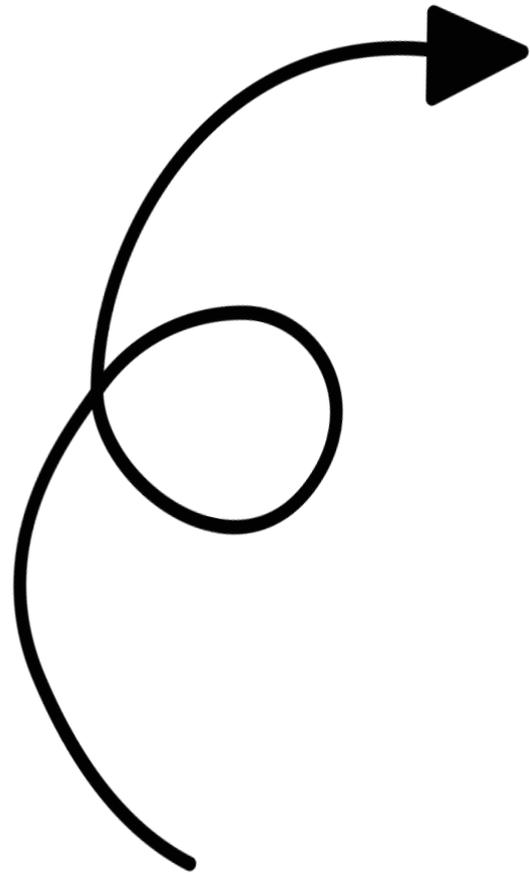
- ✓ Booklet for whole group or small group instruction
- ✓ 4 low-prep, hands-on activities for stations or independent work
- ✓ Teacher Directions
- ✓ Answer Keys



5 Attention Grabbing Activities

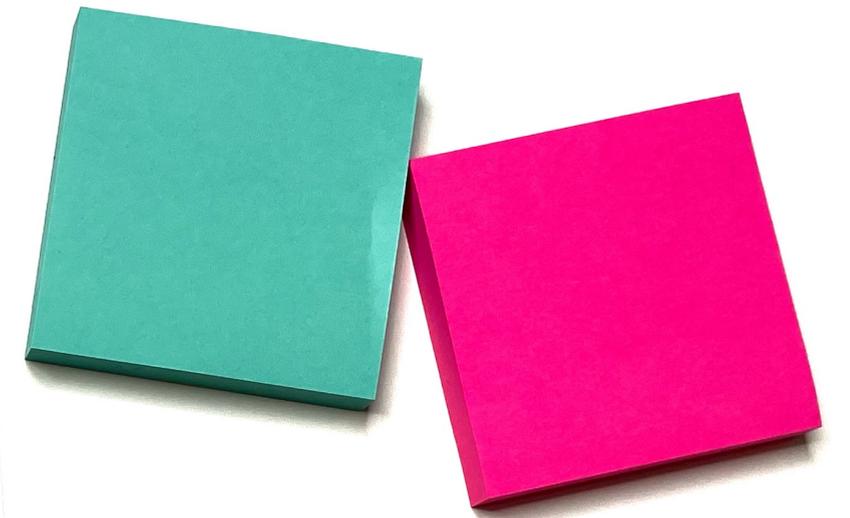
- ✓ True or False Equations Booklet
- ✓ Watermelon Equation Sort
- ✓ True or False: Balanced?
- ✓ Crab Theme True or False
- ✓ True or False Equations Sort





Equation	True or False?
$63 - 13 = 68 - 18$ ✓ ₅₀ ✓ ₅₀	True
$96 - 21 = 94 - 29$ ✓ ₇₅ ✓ ₆₅	False
$72 + 27 = 32 + 67$ ✓ ₉₉ ✓ ₉₉	True
$56 + 21 = 39 + 38$ ✓ ₇₇ ✓ ₇₇	True
$25 + 46 = 32 + 37$ ✓ ₇₁ ✓ ₆₉	False
$82 - 49 = 73 - 45$ ✓ ₃₃ ✓ ₂₈	False

True or False Equations



By:

True or False Equations Booklet

True or False Equations

Equation: A number sentence that has the same value on each side

$30 - 25 = 46 - 41$
5 5
Is this equation true or false?
True

$45 + 32 = 34 + 44$
77 78
Is this equation true or false?
False

$53 + 27 = 41 + 39$
80 80
Is this equation true or false?
True

$65 - 28 = 80 + 13$
37 93
Is this equation true or false?
False

FALSE

Watermelon Equation Sort

$18+42=46+12$

$41+18=36+45$

$19+53=46+24$

$74+18=64+22$

$21+35=34+18$

TRUE

Name: _____

Directions: Determine if the equations are true or false. Write each equation in the correct column below.

True Equations	False Equations
$27+13=26+14$	$19+53=46+24$
$46+21=25+41$	$41+18=36+45$

$27+13=26+14$

$34+23=16+41$

$45+21=25+41$

True or False: Balanced Equations

Name:

True or False Equations: Balanced?

Directions: Determine if the equations are true or false. If the equation is true, color the balance green. If the equation is false, color the balance red.

$$\begin{array}{|c|} \hline 64 - 18 \\ \hline \end{array} = \begin{array}{|c|} \hline 85 - 32 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 81 - 43 \\ \hline \end{array} = \begin{array}{|c|} \hline 83 - 45 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 56 - 39 \\ \hline \end{array} = \begin{array}{|c|} \hline 74 - 57 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 15 - 24 \\ \hline \end{array} = \begin{array}{|c|} \hline 89 - 68 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 31 + 29 \\ \hline \end{array} = \begin{array}{|c|} \hline 34 + 28 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 43 - 29 \\ \hline 14 \\ \hline \end{array} = \begin{array}{|c|} \hline 46 - 32 \\ \hline 14 \\ \hline \end{array}$$

True

$$\begin{array}{|c|} \hline 78 - 24 \\ \hline 54 \\ \hline \end{array} = \begin{array}{|c|} \hline 85 - 31 \\ \hline 54 \\ \hline \end{array}$$

True

$$\begin{array}{|c|} \hline 95 - 31 \\ \hline 64 \\ \hline \end{array} = \begin{array}{|c|} \hline 74 - 19 \\ \hline 55 \\ \hline \end{array}$$

False

$$\begin{array}{|c|} \hline 81 - 17 \\ \hline \end{array} = \begin{array}{|c|} \hline 96 - 56 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 18 + 29 \\ \hline 47 \\ \hline \end{array} = \begin{array}{|c|} \hline 31 + 16 \\ \hline 47 \\ \hline \end{array}$$

True

$$\begin{array}{|c|} \hline 48 + 32 \\ \hline 80 \\ \hline \end{array} = \begin{array}{|c|} \hline 59 + 27 \\ \hline 86 \\ \hline \end{array}$$

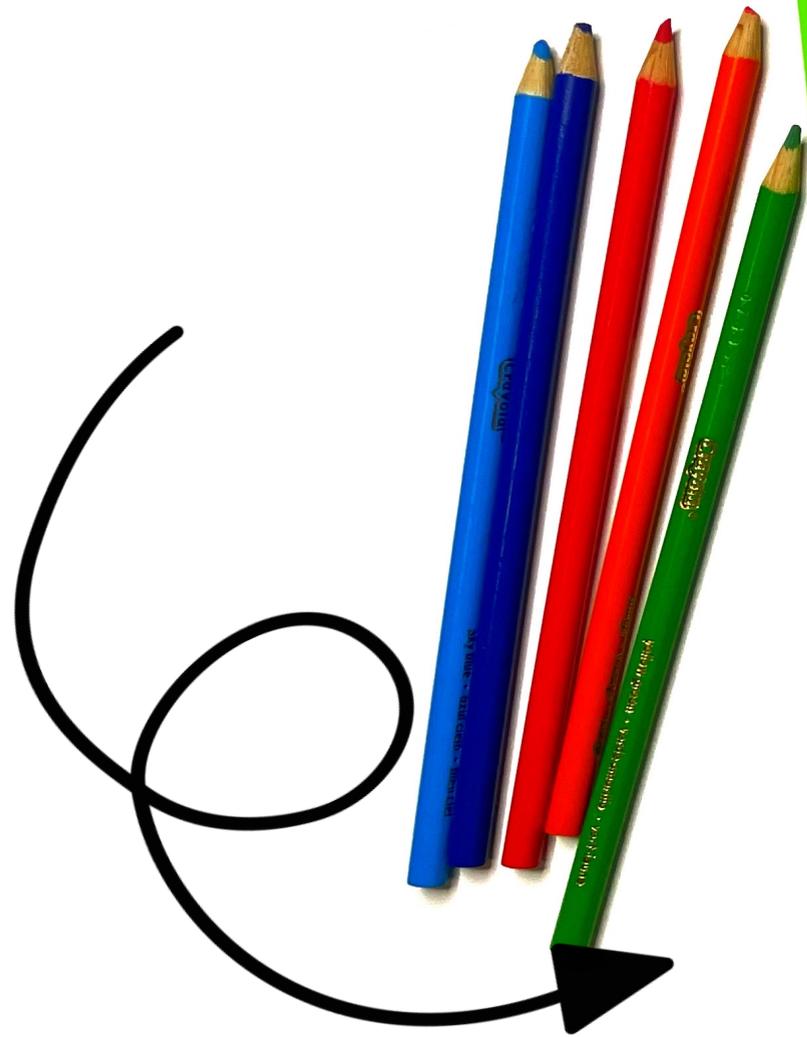
False

$$\begin{array}{|c|} \hline 67 + 24 \\ \hline 91 \\ \hline \end{array} = \begin{array}{|c|} \hline 39 + 52 \\ \hline 91 \\ \hline \end{array}$$

True

$$\begin{array}{|c|} \hline 59 - 24 \\ \hline \end{array} = \begin{array}{|c|} \hline 31 - 18 \\ \hline \end{array}$$

True or False Equations



True or False Equations
Directions: Determine if the equations are true or false. If the equation is true, color the crab red. If the equation is false, color the crab black.

$74 + 19 = 61 + 29$	$54 + 42 = 71 + 25$
$64 + 12 = 42 + 34$	$24 + 38 = 36$
$17 + 48 = 29 + 36$	$37 + 45 =$

Name: _____

True or False Equations
Directions: Determine if the equations are true or false. If the equation is true, color the crab red. If the equation is false, color the crab black.

$47 + 21 = 15 + 53$	$71 + 19 = 42 + 48$
$73 + 17 = 45 + 39$	$38 + 15 = 21 + 32$
$64 + 27 = 17 + 74$	$58 + 27 = 61 + 19$

Name: _____

True or False Equations Sort

Directions: Cut out the problems at the bottom. Determine if the equations are true or false.
Glue them into the correct category.

True Equations

$$76 - 19 = 90 - 33$$

$$80 - 13 = 90 - 23$$

$$29 + 61 = 37 + 53$$

$$54 + 26 = 44 + 36$$

$$44 + 52 = 62 + 34$$

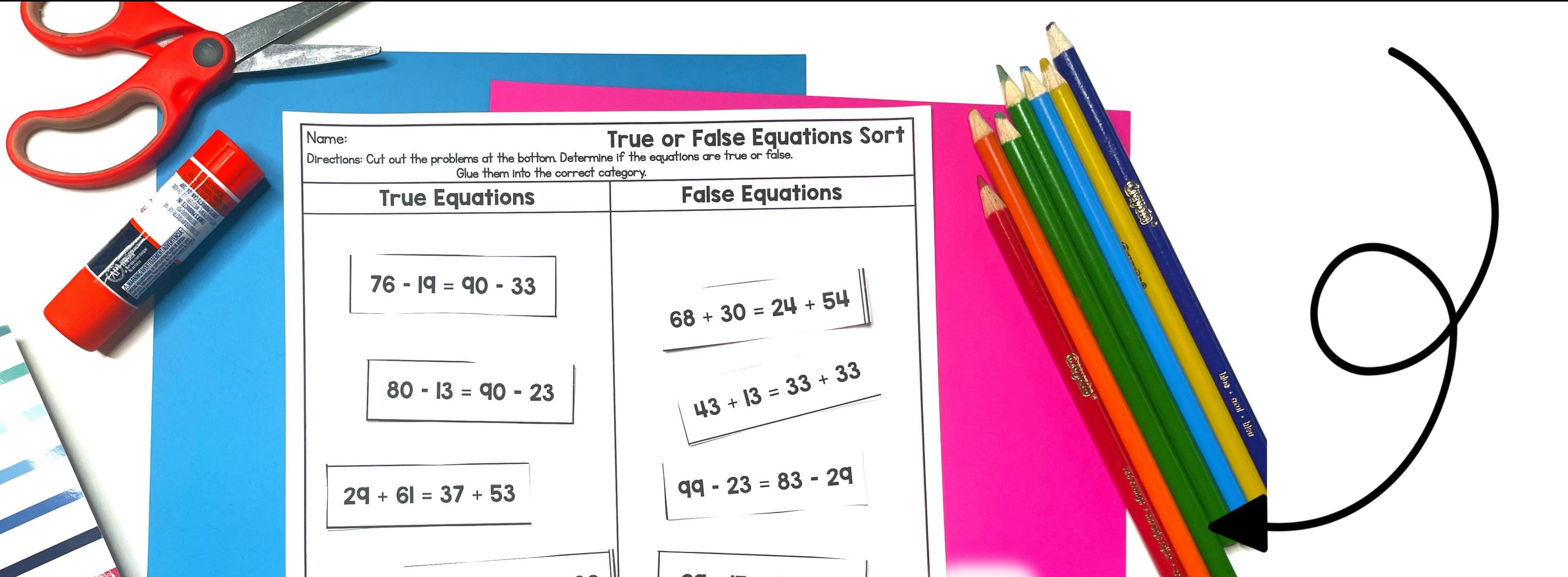
False Equations

$$68 + 30 = 24 + 54$$

$$43 + 13 = 33 + 33$$

$$99 - 23 = 83 - 29$$

$$29 - 15 = 30 - 14$$



True or False Sort

Perfect For:

- ✓ Centers or Stations
- ✓ Morning Work
- Activities
- ✓ Introducing Skills
- ✓ Assessments or Quick Checks
- ✓ Reteaching Skills
- ✓ Summer School Lessons
- ✓ Homework or Family Based Activities
- ✓ Intervention Lessons

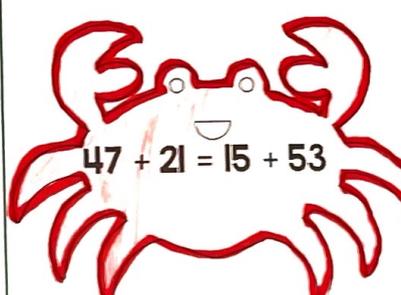
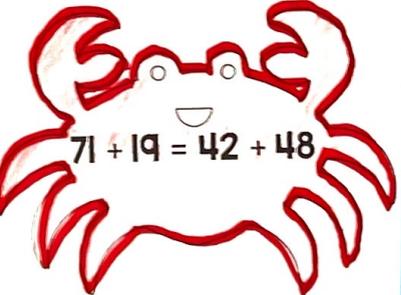
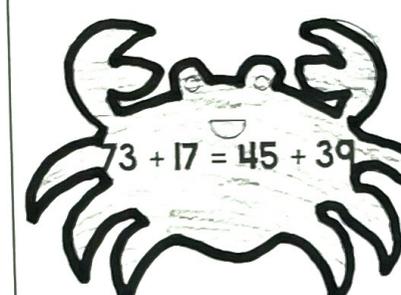
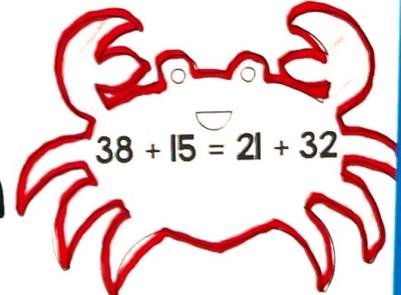
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Directions: Cut out the problems at the bottom. Determine if the equations are true or false. Glue them into the correct category.

True Equations	False Equations
$29 - 15 = 30 - 14$	$43 + 13 = 33 + 33$
$29 + 61 = 37 + 53$	$99 - 23 = 83 - 29$
$76 - 19 = 90 - 33$	$44 + 52 = 62 + 34$
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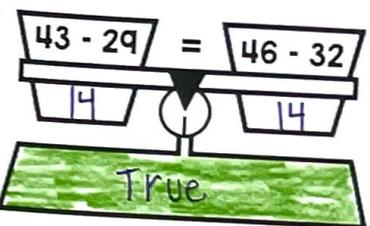
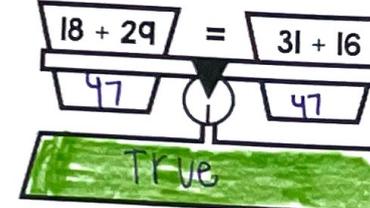
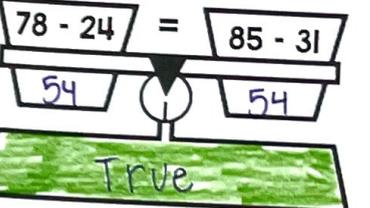
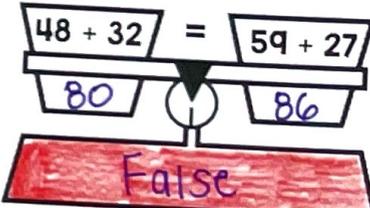
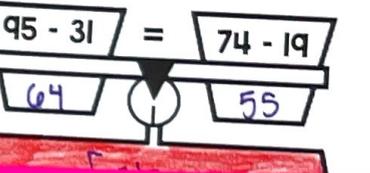
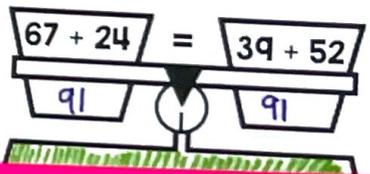
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Directions: Determine if the equations are true or false. If the equation is true, color the crab red. If the equation is false, color the crab black.

 $47 + 21 = 15 + 53$	 $71 + 19 = 42 + 48$
 $73 + 17 = 45 + 39$	 $38 + 15 = 21 + 32$
	 $58 + 27 = 61 + 19$

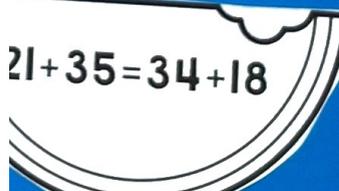
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Directions: Determine if the equations are true or false. If the equation is true, color the balance green. If the equation is false, color the balance red.

 $43 - 29 = 46 - 32$ 14 = 14 True	 $18 + 29 = 31 + 16$ 47 = 47 True
 $78 - 24 = 85 - 31$ 54 = 54 True	 $48 + 32 = 59 + 27$ 80 = 86 False
 $95 - 31 = 74 - 19$ 64 = 55 False	 $67 + 24 = 39 + 52$ 91 = 91 True

Grab these low-prep activities and watch your students' engagement and achievement increase!

 $12 = 46 + 12$

 $21 + 35 = 34 + 18$

Name: _____

Directions: Determine if the equations are true or false. Write each equation in the correct column below.

True Equations	False Equations
$27 + 13 = 26 + 14$	$19 + 53 = 46 + 24$
$45 + 21 = 25 + 41$	$41 + 18 = 36 + 45$

Ten More and Ten Less
 Directions: Write the number that is ten more in the top ice cream scoop. Write the number that is ten less in the bottom ice cream scoop.

Build a Sandcastle
 Directions: Look at the number at the top of the sandcastle. Inside each level of the sandcastle, write the number that is ten less, ten more, one hundred less, and one hundred more.

Hundred More and Hundred Less
 Directions: Write the number that is one hundred more in the top ice cream scoop. Write the number that is one hundred less in the bottom ice cream scoop.

Add Two-Digit Whole Numbers
 Directions: Add the two numbers to find the sum and write the answer in the box.

Roll a Number: Add up to 100
 Directions: Roll a die two times to create a 2-digit number. Write that number in the first box. Add the two numbers to find the sum and write the answer in the third box.

Roll a Number: Ten More and Ten Less
 Directions: Roll a die three times to create a 3-digit number. Write that number in the original number box. Then write the number that is ten more and ten less.

Roll a Number: Hundred More and Less
 Directions: Roll a die three times to create a 3-digit number. Write that number in the original number box. Then write the number that is one hundred more and one hundred less.

Draw a Number: Add Up to 100
 Directions: Draw two numbers from the flashlights and camping tents. Write the first number in the first box and the second number in the second box. Add the two numbers together and write the sum in the last box.

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