


Equality and Equations

Overarching Student Learning Goals In this unit, your child will work to build an understanding of the following:	Resources/Tasks to support your child at home.
<p>Understand the equal sign means “the same as”.</p> <p>The equal sign means that both sides are the same.</p> <p>Write a number to make each true.</p> <div data-bbox="688 483 976 613" style="border: 1px solid orange; border-radius: 50%; padding: 10px; display: inline-block; margin: 10px;"> $4 + 5 = 5 + 5$ is not true. It is false. </div> <p>$9 = \underline{9}$ $4 + 5 = \underline{9}$ $4 + 5 = \underline{5} + 4$</p>	<ul style="list-style-type: none"> • Khan Academy Video – Equal Sign • Addition Scale – http://www.toytheater.com/addition-scale.php - This interactive game has students completing equations to make the statement true. • Choose a target number less than 20. Use playing cards to find as many possible combinations of cards to reach the target number.
<p>Determine and justify if an equation is true or false.</p> <p>Which are true? Circle your answers. Which are false? Cross out your answers.</p> <div data-bbox="924 901 1050 1006" style="text-align: right;">  </div> <p>5. $1 + 9 = 9 - 1$ $8 + 1 = 2 + 7$ $19 = 19$</p>	<ul style="list-style-type: none"> • Is the equation true or false? - http://i4c.xyz/qx3c38l - In this interactive ten-question quiz, players must decide if the given equation is true or false. Extend the game by rewriting the false equations to make them true. • Write a variety of true and false addition and subtraction equations. Work together to sort them into the correct true or false pile.

Solve for an unknown in an equation relating three numbers.

What are the missing numbers?



$$8 + \boxed{3} = 11$$



$$11 - 8 = \boxed{3}$$

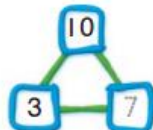
Use what you know
about related facts to
find the missing parts.



You can use an addition fact to find
a related subtraction fact.

Find $10 - 3$.

I know that
 $3 + 7 = 10$, so
 $10 - 3 = 7$.



$$3 + \underline{7} = 10$$

$$10 - 3 = \underline{7}$$



- Use playing cards (Ace – 9) and +, -, and = cards created from paper. Player one creates a true equation using the cards and symbols. Player two reorganizes cards to find the remaining 3 related facts.
- [Khan Academy Video](#) – Relating Addition and Subtraction