

Add Ten Facts

When you add 10 to a single-digit number, the sum is always a teen number.



$$10 + 4 = 14$$



$$7 + 10 = 17$$

Doubles Facts

When you add the same number to itself, it's a Doubles fact.



$$5 + 5 = 10$$



$$7 + 7 = 14$$

Doubles are always even.

Doubles Plus or Minus One Facts

Double the smaller number and add 1.

$$7 + 8 = 15$$

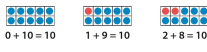
Double the larger number and subtract 1.

$$8 + 7 = 15$$

Doubles Plus or Minus One are always odd.

Make Ten Facts

These pairs of numbers make 10.



$$0 + 10 = 10$$

$$1 + 9 = 10$$

$$2 + 8 = 10$$

$$3 + 7 = 10$$

$$4 + 6 = 10$$

$$5 + 5 = 10$$

Add Nine Facts

To solve $9 + 4$, take 1 from the 4 and give it to the 9 to make 10 + 3.



$$9 + 4 = 10 + 3$$

To solve $7 + 9$, take 1 from the 7 and give it to the 9 to make 6 + 10.



$$7 + 9 = 6 + 10$$

Add Zero Facts

When you add 0 to any number, the sum is always that number.



$$6 + 0 = 6$$



$$0 + 10 = 10$$

Count On Facts

You can count on when you add 1, 2, or 3 to another number.



$$6 + 1 = 7$$



$$2 + 6 = 8$$

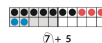


$$6 + 3 = 9$$

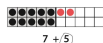
Tip: Count on from the larger addend.

Leftover Facts

The leftover facts can be solved many ways, using different strategies.



$$7 + 5 = 12$$

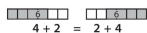


$$7 + 5 = 12$$

$$10 + 2 = 12$$

Creating a Learning Community

commutative property of addition

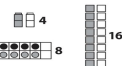


$$4 + 2 = 2 + 4$$

Working Definition:

commutative property of addition: the property by which the sum remains unchanged no matter how the numbers being added are ordered, so that $a + b = b + a$

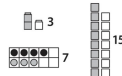
even number



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even number: a number that can be exactly divided by 2; all even numbers end with 0, 2, 4, 6, or 8

odd number

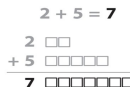


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Working Definition:

odd number: a number that cannot be evenly divided by 2; all odd numbers end with 1, 3, 5, 7, or 9

sum or total



$$2 + 5 = 7$$

Working Definition:

sum or total: the result of adding two or more numbers

People Glyph

FEATURE	SHOWS	EXAMPLES
Hat	What group size you prefer	red = Alone yellow = With 1 person brown = With small groups
Glasses	How you like to record mathematical thinking	Picture Words Numbers
Nose	Your favorite time of day	Morning Afternoon Evening
Mouth	How you feel about math	Love math Like math

MATH LINES

TO BEGIN CLICK ON A NUMBER THAT YOU WANT TO ADD UP TO

5 6 7 8 9 10 11 12

START

