

Math Fact Cards



Addition and Subtraction

Teacher and Student Math Fact Cards

How to Use

This is a year long resource meant for 1st or 2nd grade. I have created this resource for a more structured way to introduce math facts using strategies to solve. The math facts can be introduced in the order that best correlates with your math program.

This resource includes Teacher Math Fact Cards for daily whole group practice. You can print or copy on cardstock and laminate for durability. You can print the student cards on cardstock or plain paper. They can be used individually or practice with a partner.

Strategies

Adding and Subtracting 0: When adding & subtracting 0 to and from a number, the number stays the same. 0 has no power.

Adding Doubles: The answers to the doubles are counting by 2's.

Doubles Plus 1: The doubles plus 1 are neighbors on the number line. Look at the smaller number, double it, then add 1.

Adding 1: When adding one to a number, your answer is the next number.

Subtracting 1: When subtracting one from a number, the answer is the number that comes before.

Adding 2 Even Numbers: Practice counting by two's, even numbers. When adding 2 to an even number, your answer is the next even number.

Adding 2 Odd Numbers: Practice counting by two's, odd numbers. When adding 2 to an even number, your answer is the next even number.

Subtracting 2 Even Numbers: Practice counting by two's backwards, even numbers. When subtracting 2 from an even number, your answer is the even number that comes before.

Subtracting 2 Odd Numbers: Practice counting by two's backwards, odd numbers. When subtracting 2 from an odd number, your answer is the odd number that comes before.

Adding 10: When adding 10 to a single digit. The number added to is in the answer. $9+10=$ nineteen
Using a number chart the answer is directly under the number you add 10 to.

Subtracting 10: Using a number chart, the answer is directly above the number subtracted from.

Sums of 10: Make a number line. Draw an arc from 0 to 10, 1 to 9, 2 to 8, and so on to create a rainbow connecting the numbers that go together to make 10.

Strategies

Subtracting From 10: Refer to the rainbow drawn as described above. The answer is the number that is connected by the arc.

Adding 9: Pretend the 9 is a 10, find that answer then subtract 1 because 9 is 1 less than 10.

Differences of 1: When subtracting neighbors, the answer will always be 1.

Differences of 2: When subtracting 2 from even or odd numbers next to each other, the answer is always 2.

Subtracting Half of a Double: Think of the doubles facts.

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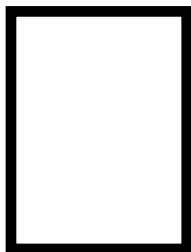
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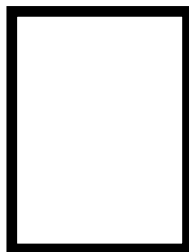


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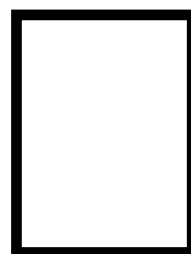
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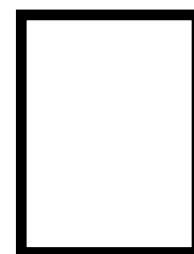


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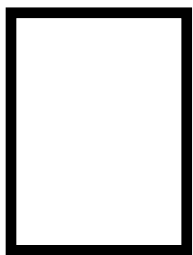


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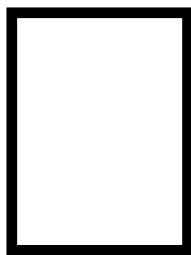
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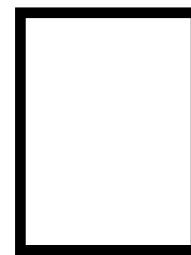
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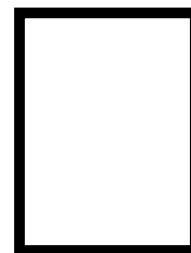
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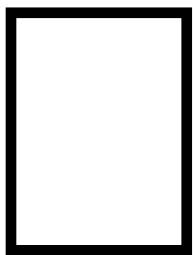
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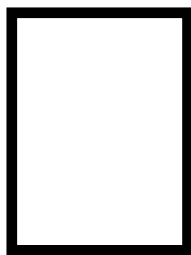
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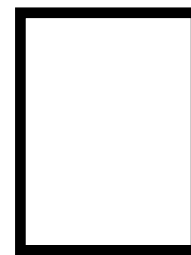
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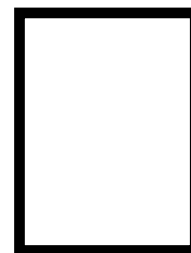
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Subtracting Half of a Double Teacher Fact Cards

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Common Core Standards Addressed

CCSS.Math.Content.1.OA.A.1

Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.

CCSS.Math.Content.1.OA.B.4

Understand subtraction as an unknown-addend problem. *For example, subtract $10 - 8$ by finding the number that makes 10 when added to 8.*

CCSS.Math.Content.1.OA.C.5

Relate counting to addition and subtraction (e.g., by counting on 2 to add 2).

CCSS.Math.Content.1.OA.C.6

Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten (e.g., $8 + 6 = 8 + 2 + 4 = 10 + 4 = 14$); decomposing a number leading to a ten (e.g., $13 - 4 = 13 - 3 - 1 = 10 - 1 = 9$); using the relationship between addition and subtraction (e.g., knowing that $8 + 4 = 12$, one knows $12 - 8 = 4$); and creating equivalent but easier or known sums (e.g., adding $6 + 7$ by creating the known equivalent $6 + 6 + 1 = 12 + 1 = 13$).