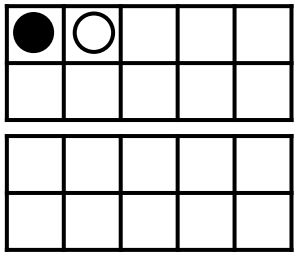
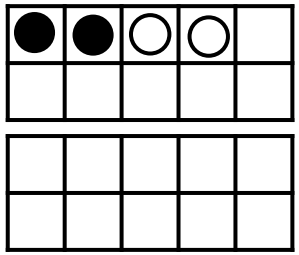
Addition Strategies: Doubles

Take some time to learn your doubles facts. There are only 10 of them. Once you learn them, you can use those facts to more easily figure out other facts!

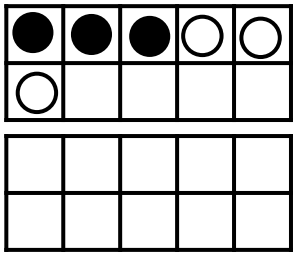
1 + 1 = 2



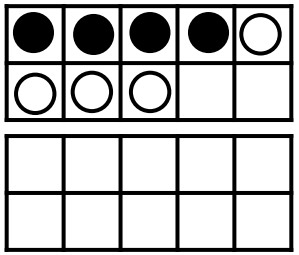
2 + 2 = 4



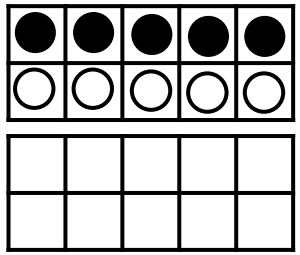
3 + 3 = 6



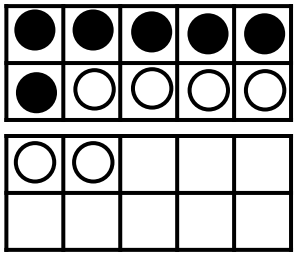
4 + 4 = 8



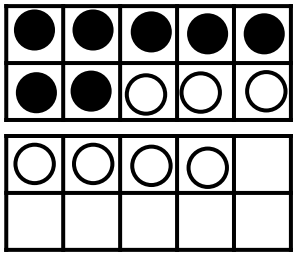
5 + 5 = 10



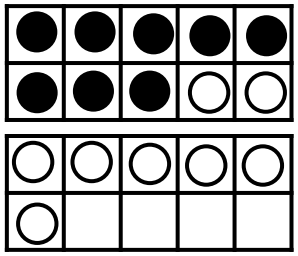
6 + 6 = 12



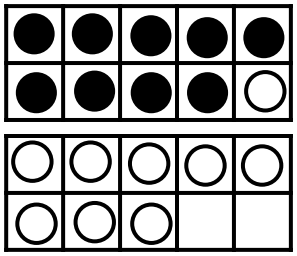
7 + 7 = 14



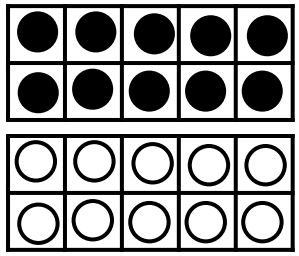
8 + 8 = 16



9 + 9 = 18



10 + 10 = 20



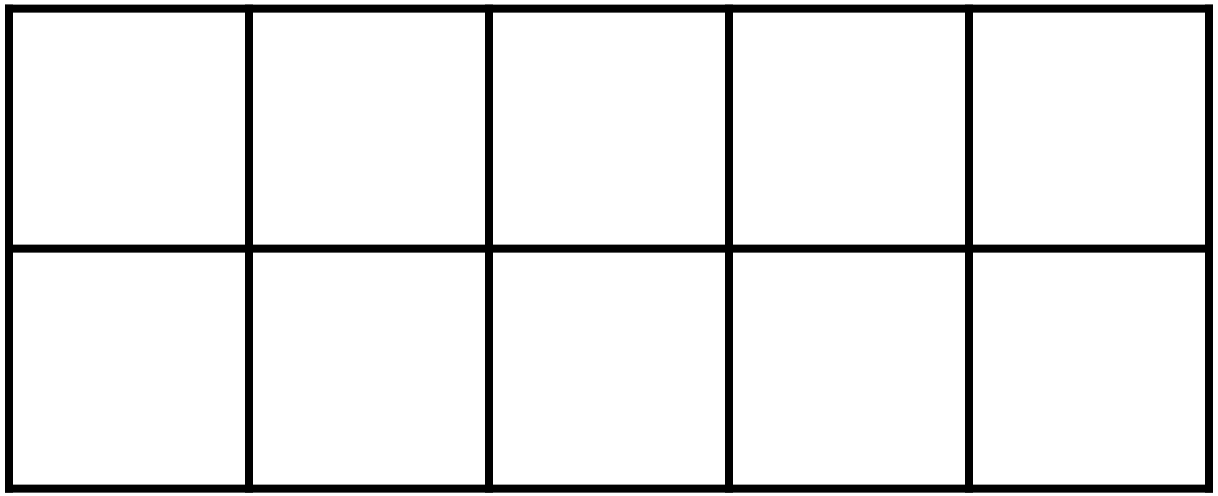
Learning these doubles facts can make it easier to figure out other facts!

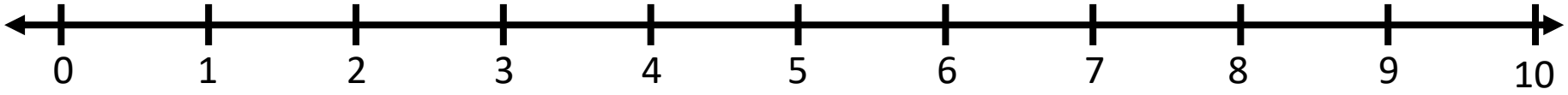
+	0	1	2	3	4	5	6	7	8	9	10
0	0 + 0 = 0	1 + 0 = 1	2 + 0 = 2	3 + 0 = 3	4 + 0 = 4	5 + 0 = 5	6 + 0 = 6	7 + 0 = 7	8 + 0 = 8	9 + 0 = 9	10 + 0= 10
1	0 + 1 = 1	1 + 1 = 2	2 + 1 = 3	3 + 1 = 4	4 + 1 = 5	5 + 1 = 6	6 + 1 = 7	7 + 1 = 8	8 + 1 = 9	9 + 1 = 10	10 + 1 = 11
2	0 + 2 = 2	1 + 2 = 3	2 + 2 = 4	3 + 2 = 5	4 + 2 = 6	5 + 2 = 7	6 + 2 = 8	7 + 2 = 9	8 + 2 = 10	9 + 2 = 11	10 + 2 = 12
3	0 + 3 = 3	1 + 3 = 4	2 + 3 = 5	3 + 3 = 6	4 + 3 = 7	5 + 3 = 8	6 + 3 = 9	7 + 3 = 10	8 + 3 = 11	9 + 3 = 12	10 + 3 = 13
4	0 + 4 = 4	1 + 4 = 5	2 + 4 = 6	3 + 4 = 7	4 + 4 = 8	5 + 4 = 9	6 + 4 = 10	7 + 4 = 11	8 + 4 = 12	9 + 4 = 13	10 + 4 = 14
5	0 + 5 = 5	1 + 5 = 6	2 + 5 = 7	3 + 5 = 8	4 + 5 = 9	5 + 5 = 10	6 + 5 = 11	7 + 5 = 12	8 + 5 = 13	9 + 5 = 14	10 + 5 = 15
6	0 + 6 = 6	1 + 6 = 7	2 + 6 = 8	3 + 6 = 9	4 + 6 = 10	5 + 6 = 11	6 + 6 = 12	7 + 6 = 13	8 + 6 = 14	9 + 6 = 15	10 + 6 = 16
7	0 + 7 = 7	1 + 7 = 8	2 + 7 = 9	3 + 7 = 10	4 + 7 = 11	5 + 7 = 12	6 + 7 = 13	7 + 7 = 14	8 + 7 = 15	9 + 7 = 16	10 + 7 = 17
8	0 + 8 = 8	1 + 8 = 9	2 + 8 = 10	3 + 8 = 11	4 + 8 = 12	5 + 8 = 13	6 + 8 = 14	7 + 8 = 15	8 + 8 = 16	9 + 8 = 17	10 + 8 = 18
9	0 + 9 = 9	1 + 9 = 10	2 + 9 = 11	3 + 9 = 12	4 + 9 = 13	5 + 9 = 14	6 + 9 = 15	7 + 9 = 16	8 + 9 = 17	9 + 9 = 18	10 + 9 = 19
10	0 + 10 = 10	1 + 10 = 11	2 + 10 = 12	3 + 10 = 13	4 + 10 = 14	5 + 10 = 15	6 + 10 = 16	7 + 10 = 17	8 + 10 = 18	9 + 10 = 19	10 + 10 = 20

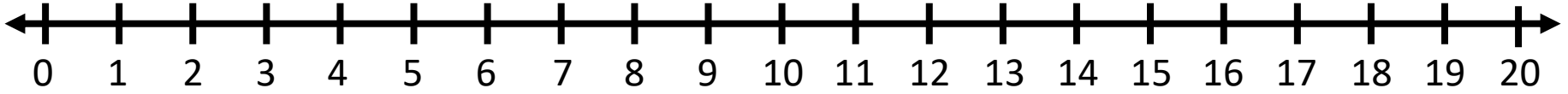
* Don’t forget the commutative (turn around) property. For example: 2 + 5 = 7 and 5 + 2 = 7.

Here are some doubles problems for you to try. With a little practice doubles will be automatic, and you can use them to solve other facts.

8 + 8 =	**6 + 6 =**	**2 + 2 =**
5 + 5 =	**7 + 7 =**	**10 + 10 =**
9 + 9 =	**3 + 3 =**	**4 + 4 =**




0 1 2 3 4 5 6 7 8 9 10


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Doubles

B	I	N	G	O
2	4	6	8	10
12	14	16	18	20
16	4	★	8	18
2	20	6	2	10
4	12	6	14	8

Doubles Addition Facts

Doubles

B	I	N	G	O
12	14	16	18	20
10	8	6	4	2
2	10	★	14	6
8	4	12	10	16
12	20	14	18	16

Doubles Addition Facts

Doubles Bingo

Materials needed:
- Deck of cards, face cards removed. Aces = 1. Well shuffled.
- Dry erase markers/erasers
- Chips or game counters (optional)

To Play:
Players take turns drawing a card, and doubling the number on the card. Once the correct double has been determined, all players mark out that number (or place a chip on that answer) on their bingo cards.

To win:
First player with 5 in a row in any direction – across, down, diagonal - wins.

Doubles Bingo

Materials needed:
- Deck of cards, face cards removed. Aces = 1. Well shuffled.
- Dry erase markers/erasers
- Chips or game counters (optional)

To Play:
Players take turns drawing a card, and doubling the number on the card. Once the correct double has been determined, all players mark out that number (or place a chip on that answer) on their bingo cards.

To win:
First player with 5 in a row in any direction – across, down, diagonal - wins.

Doubles

B	I	N	G	O
2	12	8	2	12
4	2	14	10	14
6	16	★	16	4
8	4	18	18	6
10	20	6	8	20

Doubles Addition Facts

Doubles

B	I	N	G	O
12	10	12	10	8
14	14	8	6	12
16	6	★	14	4
18	4	16	2	16
20	18	2	18	20

Doubles Addition Facts

Doubles Bingo

Materials needed:
- Deck of cards, face cards removed. Aces = 1. Well shuffled.
- Dry erase markers/erasers
- Chips or game counters (optional)

To Play:
Players take turns drawing a card, and doubling the number on the card. Once the correct double has been determined, all players mark out that number (or place a chip on that answer) on their bingo cards.

To win:
First player with 5 in a row in any direction – across, down, diagonal - wins.

Doubles Bingo

Materials needed:
- Deck of cards, face cards removed. Aces = 1. Well shuffled.
- Dry erase markers/erasers
- Chips or game counters (optional)

To Play:
Players take turns drawing a card, and doubling the number on the card. Once the correct double has been determined, all players mark out that number (or place a chip on that answer) on their bingo cards.

To win:
First player with 5 in a row in any direction – across, down, diagonal - wins.

2	14	6	18	10
4	16	8	20	12
6	18	10	2	14
8	20	12	4	16
10	2	14	6	18
12	4	16	8	20

Capture the Box

Doubles

Materials needed:

- Capture the box gameboard
- 10-sided die (0 = 10)
- Dry erase markers/erasers – different color for each player

To Play:

First player rolls the die and figures out the "double" of the number. Say the problem out loud to help remember it better. For example: 7 + 7 = 14.

Take turns doing the following:

If you get it wrong, it's the next player's turn. If you get it right, draw a line on one side of a box that contains the answer.

If your line completes a box, that means you capture it and get to put your initials in it. If the line completes two boxes, you capture/initial both boxes.

If there are no lines you can draw with your roll, you can't play, and the next player draws.

To win:

Play until all boxes have been captured or you run out of time. The player who captures the most boxes wins.

0 + 0 =	1 + 1 =	2 + 2 =
Addition Strategies: Doubles	Addition Strategies: Doubles	Addition Strategies: Doubles
3 + 3 =	4 + 4 =	5 + 5 =
Addition Strategies: Doubles	Addition Strategies: Doubles	Addition Strategies: Doubles
6 + 6 =	7 + 7 =	8 + 8 =
Addition Strategies: Doubles	Addition Strategies: Doubles	Addition Strategies: Doubles

9 + 9 = Addition Strategies: Doubles	**10 + 10 =** Addition Strategies: Doubles	**2 + 1 =** Addition Strategies: Doubles
3 + 3 = Addition Strategies: Doubles	**4 + 4 =** Addition Strategies: Doubles	**5 + 5 =** Addition Strategies: Doubles
6 + 6 = Addition Strategies: Doubles	**7 + 7 =** Addition Strategies: Doubles	**8 + 8 =** Addition Strategies: Doubles