

Name: \_\_\_\_\_

# Addition - Number Fact Families G



## Strategy: Doubles

These facts are easily remembered and are the foundation for other facts. Ask students to visualise pairs of numbers using ten frames or to think of things that come doubled: (such as an egg carton: double 6 eggs to make a dozen).

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

Using the grid on the left, highlight all the double facts and list them below.

### List of double facts in order:

- 1)  $0 + 0 =$  \_\_\_\_\_
- 2)  $6 + 6 =$  \_\_\_\_\_
- 3)  $1 + 1 =$  \_\_\_\_\_
- 4)  $7 + 7 =$  \_\_\_\_\_
- 5) \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_
- 6) \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_
- 7) \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_
- 8) \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_
- 9) \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_
- 10) \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_
- 11) \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

## Related Fact Families

Each Double fact has only one related family fact: the subtraction fact!

### List the subtraction facts in order:

- 12)  $0 - 0 =$  \_\_\_\_\_
- 13)  $12 - 6 =$  \_\_\_\_\_
- 14)  $2 - 1 =$  \_\_\_\_\_
- 15)  $14 - 7 =$  \_\_\_\_\_
- 16) \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_
- 17) \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_
- 18) \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_
- 19) \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_
- 20) \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_
- 21) \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_
- 22) \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

Write the fact families for these doubles.

- 23)  $8 + 8 =$  \_\_\_\_\_
- 24)  $7 + 7 =$  \_\_\_\_\_
- 25)  $16 - 8 =$  \_\_\_\_\_
- 26)  $14 - 7 =$  \_\_\_\_\_
- 27)  $9 + 9 =$  \_\_\_\_\_
- 28)  $6 + 6 =$  \_\_\_\_\_
- 29) \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_
- 30) \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_



# ANSWERS

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## Strategy: Doubles

These facts are easily remembered and are the foundation for other facts. Ask students to visualise pairs of numbers using ten frames or to think of things that come doubled: (such as an egg carton: double 6 eggs to make a dozen).

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

Using the grid on the left, highlight all the double facts and list them below.

### List the doubles facts in order:

- 1)  $0 + 0 = 0$
- 2)  $6 + 6 = 12$
- 3)  $1 + 1 = 2$
- 4)  $7 + 7 = 14$
- 5)  $2 + 2 = 4$
- 6)  $8 + 8 = 16$
- 7)  $3 + 3 = 6$
- 8)  $9 + 9 = 18$
- 9)  $4 + 4 = 8$
- 10)  $10 + 10 = 20$
- 11)  $5 + 5 = 10$

## Related Fact Families

Each Double fact has only one related family fact: the subtraction fact!

### List the doubles subtraction facts in order:

- 12)  $0 - 0 = 0$
- 13)  $12 - 6 = 6$
- 14)  $2 - 1 = 1$
- 15)  $14 - 7 = 7$
- 16)  $4 - 2 = 2$
- 17)  $16 - 8 = 8$
- 18)  $6 - 3 = 3$
- 19)  $18 - 9 = 9$
- 20)  $8 - 4 = 4$
- 21)  $20 - 10 = 10$
- 22)  $10 - 5 = 5$

Write the fact families for these doubles.

- 23)  $8 + 8 = 16$
- 24)  $7 + 7 = 14$
- 25)  $16 - 8 = 8$
- 26)  $14 - 7 = 7$
- 27)  $9 + 9 = 18$
- 28)  $6 + 6 = 12$
- 29)  $18 - 10 = 8$
- 30)  $18 - 8 = 10$

