

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) $7 + 7 =$ _____



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Related Facts

Each Double Fact has two related facts.

List the subtraction facts.

- 12) $0 - 0 =$ _____
- 14) $2 - 1 =$ _____ 15) $14 - 7 =$ _____
- 16) _____ 17) _____
- 18) _____ 19) _____
- 20) _____ 21) _____
- 22) _____

- 23) $8 + 8 =$ _____ 24) $7 + 7 =$ _____
- 25) $16 - 8 =$ _____ 26) $14 - 7 =$ _____

- 27) $9 + 9 =$ _____ 28) $6 + 6 =$ _____
- 29) _____ 30) _____



Name: _____

Addition - Number Fact Families H



Strategy: Doubles+1

This strategy is the trickiest of all the facts. Recognising the 6 + 7 as double 6 + 1 is the hardest part. Once the relationship is established, practice using these facts is essential.

+	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									
6	6	7									
7	7	8									
8	8	9									
9	9	10									
10	10	11									

Using the grid on the left, highlight all the double facts with one color. Then highlight the doubles+1 facts with another color. The pattern has already been started for you.

List these doubles+1 facts in order:

1) $0 + 1 =$ _____ 2) $5 + 6 =$ _____

3) $1 + 2 =$ _____ 4) $6 + 7 =$ _____



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Related Facts

Write the fact

11) $8 + 9 =$ _____

13) _____ - _____ = _____ 14) _____ - _____ = _____

15) $7 + 8 =$ _____ 16) $8 + 7 =$ _____

17) _____ - _____ = _____ 18) _____ - _____ = _____

19) _____ + _____ = _____ 20) _____ + _____ = _____

21) $11 - 5 =$ _____ 22) $11 - 6 =$ _____

25) $13 - 6 =$ _____ 26) $13 - 7 =$ _____

27) $5 + 4 =$ _____ 28) $4 + 5 =$ _____

29) _____ - _____ = _____ 30) _____ - _____ = _____

31) _____ + _____ = _____ 32) _____ + _____ = _____

33) $7 - 4 =$ _____ 34) $7 - 3 =$ _____

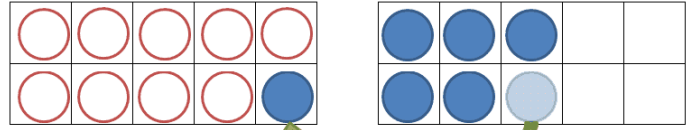
Name: _____

Addition - Number Fact Families I

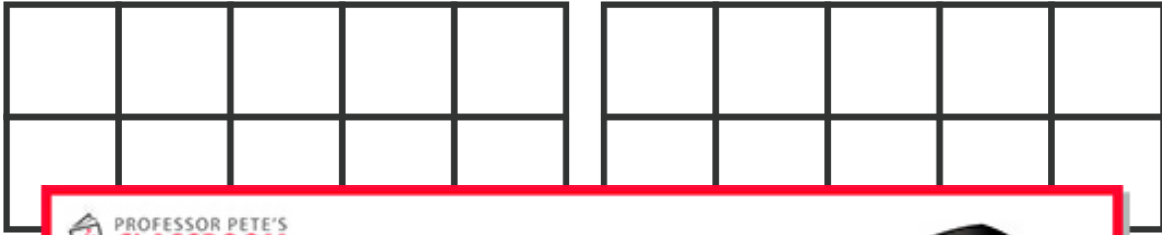


Strategy: +9 Near 10

Plus 9 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, and then subtracting one. The plus 9 strategy is easily illustrated using two ten frames and counters. Place 9 counters on the left-hand ten frame, the other number in the right-hand ten frame. The student should easily see that moving one counter from the right to the left makes the sum a simple "ten plus ones" question.



$$10 + 6 = 16$$
$$9 + 6 = 16 - 1 \text{ or } 15$$



+9 near ten

- 1) $6 + 10 =$ _____
- 2) $6 + 9 =$ _____
- 3) $8 + 10 =$ _____
- 4) $8 + 9 =$ _____

Related Su

13) $8 + 9 =$ _____

15) _____ - _____ = _____ 16) _____ - _____ = _____

17) $6 + 9 =$ _____ 18) $9 + 6 =$ _____

19) _____ - _____ = _____ 20) _____ - _____ = _____

21) _____ + _____ = _____ 22) _____ + _____ = _____

23) $14 - 9 =$ _____ 24) $14 - 5 =$ _____

27) _____ - _____ = _____ 28) _____ - _____ = _____

29) _____ + _____ = _____ 30) _____ + _____ = _____

31) $16 - 9 =$ _____ 32) $16 - 7 =$ _____

33) _____ + _____ = _____ 34) _____ + _____ = _____

35) $12 - 9 =$ _____ 36) $12 - 3 =$ _____



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These worksheets are part of the Professor Pete's Gadgets: Number Facts eBook.