



Addition chart within 10 no cutting · keep it on the fridge

Find the first number in the purple column, then the second number along the top. Slide your fingers until they meet: $3 + 4 = 7$.

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

 Doubles: $1 + 1, 2 + 2 \dots 5 + 5$ Ways to make 10: $0 + 10 \dots 10 + 0$

Look for patterns. Adding 0 keeps the number the same. Adding 1 gives the next number. $3 + 4$ and $4 + 3$ land on the same answer, so every fact has a turn-around twin. Every square on a slanting line has the same answer.



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Picture addition count them all, then write the number sentence

Count the first group, then the second group, then count them all. Write the three numbers in the boxes.
The first one is done for you.

1.   +  = 2 + 1 = 3

2.    +   = + =

3.  +    = + =

4.     +   = + =

5.      +   = + =

6.    +      = + =

7.     +      = + =

8.      +      = + =

Answers for grown-ups: 3, 5, 4, 6, 7, 8, 9, 10.



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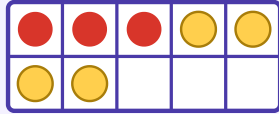


Add on one ten frame

you need a red and a yellow crayon

Color the first number red, starting in the top row. Color the second number yellow, right after the red. Count every colored box and write how many.

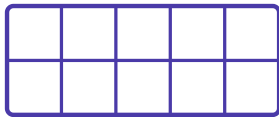
$$3 + 4 = 7$$



3 red, then 4 yellow.
Count them all: 7.

1.

$$4 + 2 = \square$$



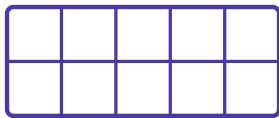
2.

$$3 + 3 = \square$$



3.

$$5 + 1 = \square$$



4.

$$2 + 6 = \square$$



5.

$$6 + 3 = \square$$



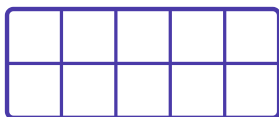
6.

$$1 + 7 = \square$$



7.

$$5 + 4 = \square$$



8.

$$7 + 3 = \square$$



Answers for grown-ups: 6, 6, 6, 8, 9, 8, 9, 10. No crayons? Use real red and yellow counters, or a red and a yellow pencil. A gray printer is fine: the boxes are blank.



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Count on start with the bigger number

Put your finger on the bigger number and say it. Then count on one for each yellow dot. For $6 + 3$, start on 6 and say "7, 8, 9". The last number you say is the answer.

0	1	2	3	4	5	6	7	8	9	10
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Number path: $6 + 3$. Start on the red 6, then step 7, 8, 9.

Count on the dots say the big number, then one more for each dot

1. $6 + \bullet \bullet \bullet = \square$

2. $5 + \bullet \bullet = \square$

3. $7 + \bullet = \square$

4. $4 + \bullet \bullet \bullet = \square$

5. $8 + \bullet \bullet = \square$

6. $5 + \bullet \bullet \bullet \bullet = \square$

7. $7 + \bullet \bullet \bullet = \square$

8. $3 + \bullet \bullet = \square$

Now just the numbers use the number path if you need it

9. $5 + 3 = \square$

10. $2 + 7 = \square$

11. $6 + 2 = \square$

12. $1 + 8 = \square$

13. $4 + 4 = \square$

14. $3 + 6 = \square$

15. $8 + 1 = \square$

16. $4 + 6 = \square$

Answers for grown-ups: 9, 7, 8, 7, 10, 9, 10, 5 + 8, 9, 8, 9, 8, 9, 9, 10. For $2 + 7$, $1 + 8$, $3 + 6$ and $4 + 6$, start on the bigger number: turn the sum around.



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Flash cards: cut out on the dashed lines. Say the answer, then turn the card over to check. The answers are on page 6: print it on the back of this page (flip on the long edge).

WITHIN 5 CARD 1 OF 15 1 + 1 _____	WITHIN 5 CARD 2 OF 15 2 + 1 _____	WITHIN 5 CARD 3 OF 15 1 + 3 _____
WITHIN 5 CARD 4 OF 15 2 + 2 _____	WITHIN 5 CARD 5 OF 15 3 + 2 _____	WITHIN 5 CARD 6 OF 15 4 + 1 _____
WITHIN 10 CARD 7 OF 15 5 + 1 _____	WITHIN 10 CARD 8 OF 15 4 + 2 _____	WITHIN 10 CARD 9 OF 15 3 + 4 _____
WITHIN 10 CARD 10 OF 15 6 + 2 _____	WITHIN 10 CARD 11 OF 15 5 + 3 _____	WITHIN 10 CARD 12 OF 15 2 + 7 _____
WITHIN 10 CARD 13 OF 15 4 + 5 _____	WITHIN 10 CARD 14 OF 15 6 + 4 _____	WITHIN 10 CARD 15 OF 15 8 + 2 _____



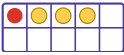
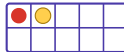
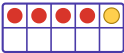
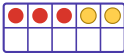
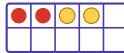
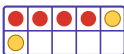
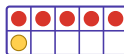
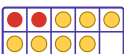
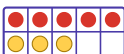
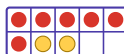
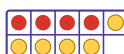
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Answer cards. Print on the back of page 5 so each answer sits behind its card, or cut them out and play match: a sum and its answer make a pair.

ANSWER 4 $1 + 3 = 4$ 	CARD 3 OF 15	ANSWER 3 $2 + 1 = 3$ 	CARD 2 OF 15	ANSWER 2 $1 + 1 = 2$ 	CARD 1 OF 15
ANSWER 5 $4 + 1 = 5$ 	CARD 6 OF 15	ANSWER 5 $3 + 2 = 5$ 	CARD 5 OF 15	ANSWER 4 $2 + 2 = 4$ 	CARD 4 OF 15
ANSWER 7 $3 + 4 = 7$ 	CARD 9 OF 15	ANSWER 6 $4 + 2 = 6$ 	CARD 8 OF 15	ANSWER 6 $5 + 1 = 6$ 	CARD 7 OF 15
ANSWER 9 $2 + 7 = 9$ 	CARD 12 OF 15	ANSWER 8 $5 + 3 = 8$ 	CARD 11 OF 15	ANSWER 8 $6 + 2 = 8$ 	CARD 10 OF 15
ANSWER 10 $8 + 2 = 10$ 	CARD 15 OF 15	ANSWER 10 $6 + 4 = 10$ 	CARD 14 OF 15	ANSWER 9 $4 + 5 = 9$ 	CARD 13 OF 15



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