



Addition facts to 20 sums to 20 • no cutting • keep it on the fridge

+	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

 doubles  sums of 10

 above the line: within 10, the quick facts • below: 11 to 20, use a way from page 4

Find the first number down the left, the second along the top, and slide until they meet. $8 + 5$ and $5 + 8$ meet at 13: turn-arounds have the same answer.



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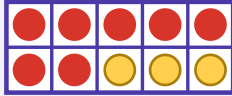
Add on two ten frames fill the left frame first

Name _____

Red is the first number. Yellow is the second. Count the full ten, then the rest, and write the answer.

Filling the ten yourself is on our make 10 page.

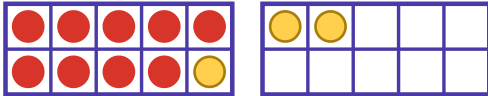
done for you



$$7 + 4 = 11$$

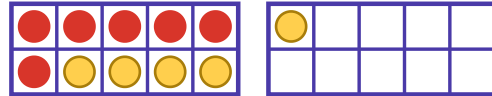
a full ten and 1 more

1.



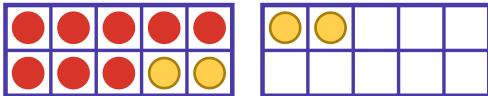
$$9 + 3 = \square$$

2.



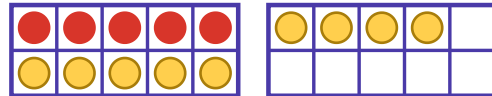
$$6 + 5 = \square$$

3.



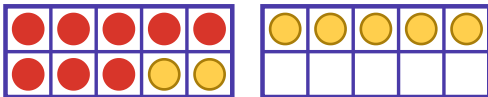
$$8 + 4 = \square$$

4.



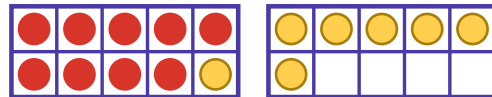
$$5 + 9 = \square$$

5.



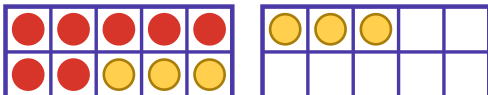
$$8 + 7 = \square$$

6.



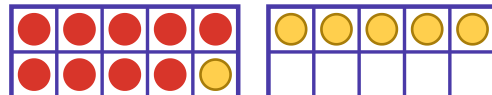
$$9 + 7 = \square$$

7.



$$7 + 6 = \square$$

8.



$$9 + 6 = \square$$



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Count on start with the bigger number

Name _____

Circle the bigger number. Say it, then count on. Tap a dot for each count.

done for you

$$4 + \textcircled{9} = 13$$

○ ○ ○ ○
10 11 12 13

Say it: Niine... ten, eleven, twelve, thirteen

Start on the 9. Each dot is one more.

1.

$$9 + 2 = \square$$

○ ○

2.

$$3 + 9 = \square$$

○ ○ ○

3.

$$7 + 3 = \square$$

○ ○ ○

4.

$$4 + 7 = \square$$

○ ○ ○ ○

5.

$$11 + 3 = \square$$

○ ○ ○

6.

$$2 + 13 = \square$$

○ ○

7.

$$16 + 2 = \square$$

○ ○

8.

$$4 + 15 = \square$$

○ ○ ○ ○

9.

$$17 + 3 = \square$$

○ ○ ○

10.

$$12 + 4 = \square$$

○ ○ ○ ○

11.

$$3 + 14 = \square$$

○ ○ ○

12.

$$1 + 18 = \square$$

○



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Which way is quickest? three ways to add: pick one

Name _____

Tick the quickest way, then write the answer. Any way that gets the right answer is fine.

○○○ count on

add 1 to 4: count on
from the bigger number



double

use a double you know:
 $6 + 6 = 12$, so $6 + 7 = 13$



ten

fill up a ten:
 $9 + 6 = 10 + 5$

$7 + 8$: $7 + 7 = 14$, so 15. Or $8 + 2 = 10$, then 5 more. Both are right.

1. $6 + 7$ ☐ ○○○ count on ☐  double ☐  ten =

2. $9 + 2$ ☐ ○○○ count on ☐  double ☐  ten =

3. $8 + 6$ ☐ ○○○ count on ☐  double ☐  ten =

4. $6 + 5$ ☐ ○○○ count on ☐  double ☐  ten =

5. $12 + 3$ ☐ ○○○ count on ☐  double ☐  ten =

6. $5 + 9$ ☐ ○○○ count on ☐  double ☐  ten =

7. $8 + 9$ ☐ ○○○ count on ☐  double ☐  ten =

8. $2 + 15$ ☐ ○○○ count on ☐  double ☐  ten =

9. $9 + 6$ ☐ ○○○ count on ☐  double ☐  ten =



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Practice: sums in a row 8 are within 10

Name _____

Do the ones you know first. Then use a way from page 4.

1. $5 + 4 =$

2. $9 + 3 =$

3. $6 + 6 =$

4. $7 + 2 =$

5. $8 + 7 =$

6. $4 + 9 =$

7. $3 + 6 =$

8. $5 + 7 =$

9. $6 + 4 =$

10. $7 + 9 =$

11. $8 + 8 =$

12. $2 + 8 =$

13. $5 + 6 =$

14. $3 + 5 =$

15. $8 + 9 =$

16. $4 + 4 =$

17. $6 + 8 =$

18. $9 + 2 =$

19. $1 + 9 =$

20. $7 + 6 =$

Stuck? Use a way from page 4, then check on the chart on page 1.



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Practice: sums in a column

then add three numbers Name _____

Add down the column. Write the answer in the box under the line.

1. $\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$	2. $\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	3. $\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$	4. $\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	5. $\begin{array}{r} 12 \\ + 5 \\ \hline \end{array}$
6. $\begin{array}{r} 5 \\ + 9 \\ \hline \end{array}$	7. $\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$	8. $\begin{array}{r} 13 \\ + 2 \\ \hline \end{array}$	9. $\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$	10. $\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$
11. $\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$	12. $\begin{array}{r} 11 \\ + 7 \\ \hline \end{array}$	13. $\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$	14. $\begin{array}{r} 14 \\ + 5 \\ \hline \end{array}$	15. $\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$

Add three numbers

look for a ten or a double first

done for you $2 + 6 + 4$: $6 + 4 = 10$, so $2 + 10 = 12$

1. $3 + 7 + 5 =$	4. $5 + 6 + 5 =$
2. $4 + 6 + 6 =$	5. $9 + 3 + 1 =$
3. $8 + 2 + 7 =$	6. $4 + 4 + 3 =$



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Mixed review sums to 20

Name _____

Some are quick. Some need a way from page 4.

1. $6 + 9 =$

2. $6 + 2 =$

3. $13 + 4 =$

4. $3 + 8 =$

5. $9 + 9 =$

6. $3 + 7 =$

7. $7 + 4 =$

8. $15 + 2 =$

9. $8 + 5 =$

10. $7 + 0 =$

11. $9 + 5 =$

12. $12 + 6 =$

13. $5 + 5 =$

14. $8 + 4 =$

15. $16 + 3 =$

16. $7 + 7 =$

17. $8 + 1 =$

18. $14 + 4 =$

19. $2 + 5 =$

20. $11 + 8 =$

Stuck? Use a way from page 4, then check on the chart on page 1.



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Is it true? = means is the same as

Name _____

Circle true or false.

$8 + 2 = 10$ is true. $10 = 8 + 2$ is true too. Both sides are the same amount.

1.

$$6 = 6$$

✓ true

✗ false

2.

$$7 = 8 - 1$$

✓ true

✗ false

3.

$$5 + 2 = 2 + 5$$

✓ true

✗ false

4.

$$4 + 1 = 5 + 2$$

✓ true

✗ false

5.

$$9 + 4 = 13$$

✓ true

✗ false

6.

$$15 = 8 + 7$$

✓ true

✗ false

7.

$$7 + 5 = 13$$

✓ true

✗ false

8.

$$9 + 6 = 10 + 5$$

✓ true

✗ false

9.

$$3 + 5 = 8 + 2$$

✓ true

✗ false

10.

$$8 + 3 = 10 + 2$$

✓ true

✗ false

11.

$$14 = 7 + 7$$

✓ true

✗ false

12.

$$9 + 9 = 20$$

✓ true

✗ false

Check a hard one with counters: build each side and see if they match.



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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 10: print it on the back of this page (flip on the long edge).

11 AND 12 3 + 8 _____	CARD 1 OF 15 11 AND 12 4 + 7 _____	CARD 2 OF 15 11 AND 12 6 + 5 _____
11 AND 12 9 + 3 _____	CARD 4 OF 15 11 AND 12 4 + 8 _____	CARD 5 OF 15 11 AND 12 5 + 7 _____
13 AND 14 4 + 9 _____	CARD 7 OF 15 13 AND 14 5 + 8 _____	CARD 8 OF 15 13 AND 14 6 + 7 _____
13 AND 14 9 + 5 _____	CARD 10 OF 15 13 AND 14 6 + 8 _____	CARD 11 OF 15 15 TO 17 9 + 6 _____
15 TO 17 7 + 8 _____	CARD 13 OF 15 15 TO 17 7 + 9 _____	CARD 14 OF 15 15 TO 17 8 + 9 _____
CARD 15 OF 15		



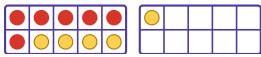
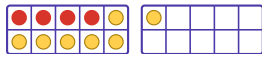
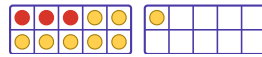
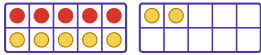
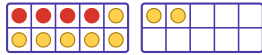
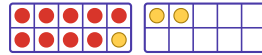
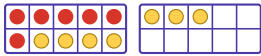
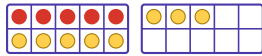
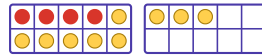
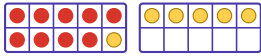
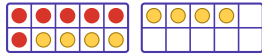
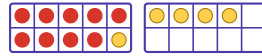
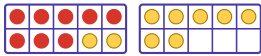
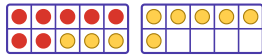
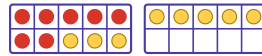
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Answer cards. Print on the back of page 9 so each answer sits behind its card, or cut them out and play match: a card and its answer make a pair.

ANSWER CARD 3 OF 15 11 $6 + 5 = 11$ 	ANSWER CARD 2 OF 15 11 $4 + 7 = 11$ 	ANSWER CARD 1 OF 15 11 $3 + 8 = 11$ 
ANSWER CARD 6 OF 15 12 $5 + 7 = 12$ 	ANSWER CARD 5 OF 15 12 $4 + 8 = 12$ 	ANSWER CARD 4 OF 15 12 $9 + 3 = 12$ 
ANSWER CARD 9 OF 15 13 $6 + 7 = 13$ 	ANSWER CARD 8 OF 15 13 $5 + 8 = 13$ 	ANSWER CARD 7 OF 15 13 $4 + 9 = 13$ 
ANSWER CARD 12 OF 15 15 $9 + 6 = 15$ 	ANSWER CARD 11 OF 15 14 $6 + 8 = 14$ 	ANSWER CARD 10 OF 15 14 $9 + 5 = 14$ 
ANSWER CARD 15 OF 15 17 $8 + 9 = 17$ 	ANSWER CARD 14 OF 15 16 $7 + 9 = 16$ 	ANSWER CARD 13 OF 15 15 $7 + 8 = 15$ 



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Answer key for grown-ups

Page 2

1. 12 2. 11 3. 12 4. 14 5. 15 6. 16 7. 13
8. 15

Page 3

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

Page 4

1. 13 2. 11 3. 14 4. 11 5. 15 6. 14 7. 17
8. 17 9. 15

Quick ways

count on: $9 + 2$, $12 + 3$, $2 + 15$

double: $6 + 7$, $6 + 5$, $8 + 9$

ten: $8 + 6$, $5 + 9$, $9 + 6$

Any way that works is fine.

Page 5

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

Page 6

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

Three numbers

1. 15 2. 16 3. 17 4. 16 5. 13 6. 11

Page 7

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

Page 8

1. true 2. true 3. true 4. false 5. true
6. true 7. false 8. true 9. false 10. false
11. true 12. false

Cards: the answers are on page 10.



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