KidsTracing.com

Little hands, big learning!

FREE PRINTABLE WORKBOOK

Addition and Subtraction Book

Add and take away within 10 and 20

3 + 2	5 − 1	4 + 4
9 − 6	7 + 2	10 − 4
6 + 3	8 − 5	2 + 7

Ages 5–7 · 40 pages · Add, take away and solve

Name: _____

Welcome, parents and teachers!

Adding and taking away, step by step.

Adding and subtracting are the first big steps in math after counting. This workbook starts with pictures and sums to 5, then moves on to ten frames, number lines, number sentences and story problems. The last part practices adding and subtracting up to 20. Many U.S. schools teach these skills in kindergarten and first grade, so the book suits ages 5 to 7. Go at your child's own pace.

How to use this book

1. **Print at 100%.** Print on US Letter or A4 paper at 100% (Actual size). Use a sharp pencil.
2. **Start with pictures.** Pictures show what adding and taking away mean. Count them out loud before writing the answer.
3. **Use real things.** Blocks, coins, crayons or snacks make adding and subtracting easy to see. Fingers are fine too.
4. **Little and often.** One page a day works better than a whole book in one afternoon. Stop while it is still fun.
5. **Check together.** Use the answer key at the back to check the page, then talk about any mistakes with your child.

This book belongs to: _____

KidsTracing.com

Little hands, big learning!

2+3 6−2 4+4

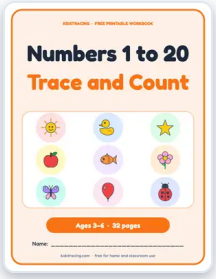
Free printable worksheets and workbooks that help little hands learn to trace, write, count and play. No sign-up, no cost, ready to print. Make your own addition and subtraction pages at **kidstracing.com**.

More free KidsTracing workbooks



Counting Activity Book

Ages 3–6 · 44 pages



Number Tracing Book

Ages 3–6 · 32 pages



Sight Words Book

Ages 4–6 · 41 pages



CVC Words Workbook

Ages 4–6 · 32 pages

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What is inside

Find a part, then turn to its page.

2 + 3	**Part 1: Add with Pictures** Count two groups and add them: sums to 5 and sums to 10	4
4 + 6	**Part 2: More Ways to Add** Ten frames, number line, number sentences, make 10 and doubles	9
5 − 2	**Part 3: Take Away with Pictures** Cross out pictures and count what is left	15
9 − 4	**Part 4: More Ways to Subtract** Ten frames, number line and number sentences	20
3 + 5	**Part 5: Mix It Up** Add or subtract, missing numbers, fact families and story problems	24
12 + 6	**Part 6: Numbers to 20** Stacked and side-by-side problems up to 20	32
7 + 8	**Addition Chart** A chart for finding sums up to 20	36
1 + 1	**Tracker and Certificate** Tick off skills, then print your certificate on page 38	37
8 − 3	**Answer Key** Answers to every problem, for parents and teachers	39

Every part follows the same steps

1. **Look.** Read the instructions at the top of the page.
2. **Count or think.** Use pictures, fingers or counters to find the answer.
3. **Write.** Put the answer in the dotted box.
4. **Check.** Use the answer key at the back.

Add the Pictures: Sums to 5 (1)

Count both groups. Write how many in all.

1



2 + 2 = ☐

2



3 + 2 = ☐

3



2 + 1 = ☐

4



3 + 1 = ☐

Add the Pictures: Sums to 5 (2)

Count both groups. Write how many in all.

1



1 + 2 = ☐

2



3 + 1 = ☐

3



1 + 1 = ☐

4



2 + 2 = ☐

Add the Pictures: Sums to 10 (1)

Count both groups. Write how many in all.

1



3 + 5 = ☐

2



1 + 5 = ☐

3



2 + 4 = ☐

4

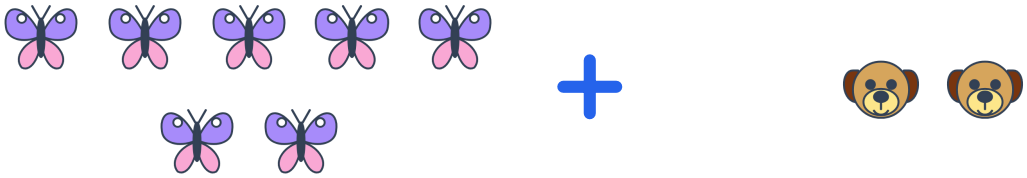


7 + 1 = ☐

Add the Pictures: Sums to 10 (2)

Count both groups. Write how many in all.

1



7 + 2 = ☐

2



1 + 6 = ☐

3



5 + 3 = ☐

4



4 + 2 = ☐

Add the Pictures: Sums to 10 (3)

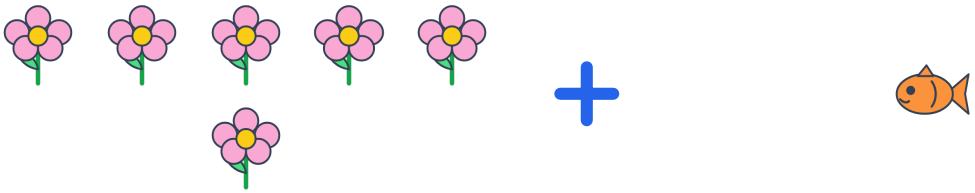
Count both groups. Write how many in all.

1



4 + 5 = ☐

2



6 + 1 = ☐

3



5 + 2 = ☐

4

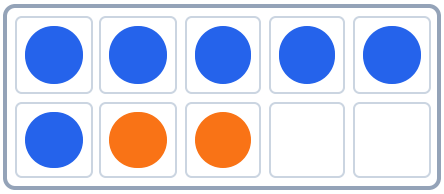


3 + 4 = ☐

Add with Ten Frames

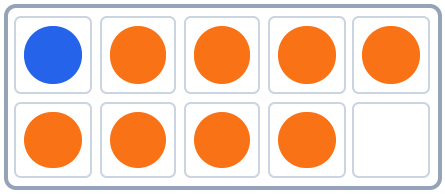
Count the blue and orange counters. Write how many in all.

1



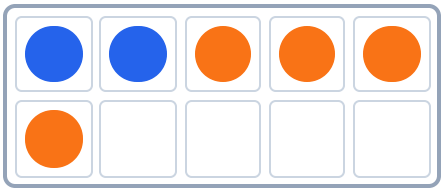
6 + 2 = ☐

2



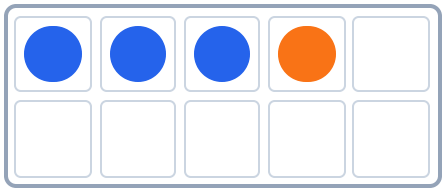
1 + 8 = ☐

3



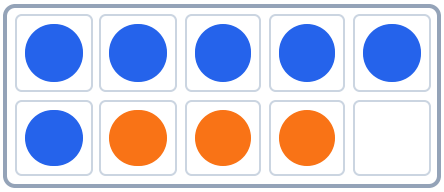
2 + 4 = ☐

4



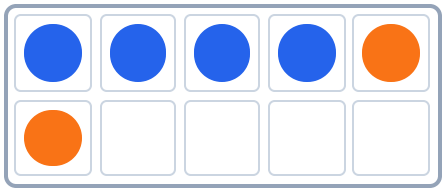
3 + 1 = ☐

5



6 + 3 = ☐

6



4 + 2 = ☐

Add on a Number Line

Start at the big dot. Hop to the right. Write where you land.

1

4 + 2 = ☐



2

4 + 1 = ☐



3

3 + 4 = ☐



4

2 + 2 = ☐



5

7 + 2 = ☐



Add: Number Sentences (1)

Add the numbers. Write the answer in the box.

1. $4 + 2 = \square$
2. $1 + 5 = \square$
3. $4 + 1 = \square$
4. $2 + 2 = \square$
5. $6 + 1 = \square$
6. $3 + 1 = \square$
7. $5 + 3 = \square$
8. $1 + 2 = \square$
9. $2 + 6 = \square$
10. $4 + 3 = \square$
11. $5 + 2 = \square$
12. $3 + 2 = \square$

Add: Number Sentences (2)

Add the numbers. Write the answer in the box.

1. 7 + 2 = ☐
2. 2 + 4 = ☐
3. 4 + 2 = ☐
4. 6 + 2 = ☐
5. 2 + 5 = ☐
6. 3 + 7 = ☐
7. 1 + 5 = ☐
8. 3 + 3 = ☐
9. 4 + 6 = ☐
10. 1 + 6 = ☐
11. 1 + 9 = ☐
12. 5 + 3 = ☐

Make 10

Which number makes 10? Write the missing number.

1. $7 + \square = 10$
2. $\square + 8 = 10$
3. $6 + \square = 10$
4. $\square + 1 = 10$
5. $8 + \square = 10$
6. $\square + 7 = 10$
7. $5 + \square = 10$
8. $\square + 9 = 10$
9. $4 + \square = 10$
10. $\square + 3 = 10$
11. $2 + \square = 10$
12. $\square + 4 = 10$

Doubles

A double adds the same number twice. Write each answer.

1. $1 + 1 = \square$
2. $2 + 2 = \square$
3. $3 + 3 = \square$
4. $4 + 4 = \square$
5. $5 + 5 = \square$
6. $6 + 6 = \square$
7. $7 + 7 = \square$
8. $8 + 8 = \square$
9. $9 + 9 = \square$
10. $10 + 10 = \square$

Take Away: Within 5 (1)

Cross out the pictures that go away. Write how many are left.

1



5 − 3 = ☐

2



4 − 2 = ☐

3



5 − 2 = ☐

4



3 − 2 = ☐

Take Away: Within 5 (2)

Some pictures are crossed out. Write how many are left.

1



$4 - 2 =$ ☐

2



$5 - 3 =$ ☐

3



$2 - 1 =$ ☐

4

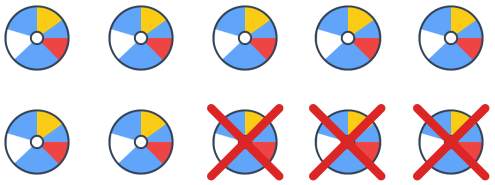


$3 - 2 =$ ☐

Take Away: Within 10 (1)

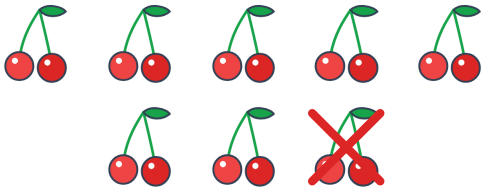
Some pictures are crossed out. Write how many are left.

1



$10 - 3 =$ ☐

2



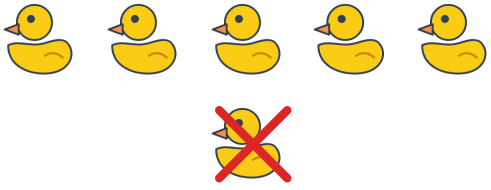
$8 - 1 =$ ☐

3



$6 - 4 =$ ☐

4

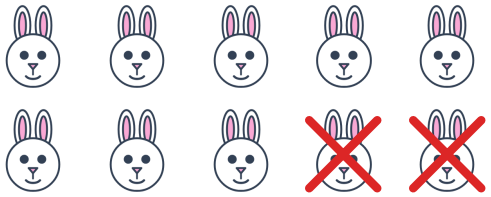


$6 - 1 =$ ☐

Take Away: Within 10 (2)

Some pictures are crossed out. Write how many are left.

1



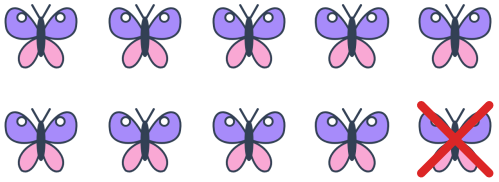
10 − 2 = ☐

2



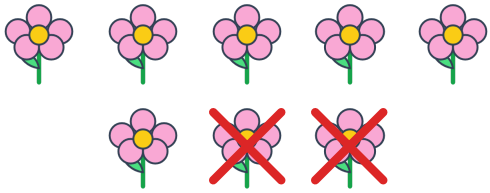
7 − 6 = ☐

3



10 − 1 = ☐

4

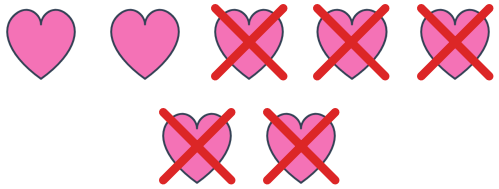


8 − 2 = ☐

Take Away: Within 10 (3)

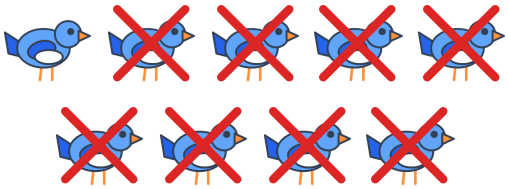
Some pictures are crossed out. Write how many are left.

1



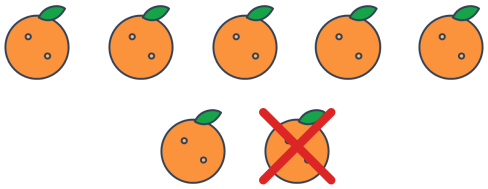
$7 - 5 = \square$

2



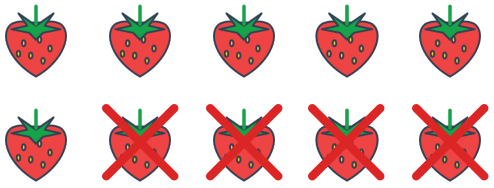
$9 - 8 = \square$

3



$7 - 1 = \square$

4

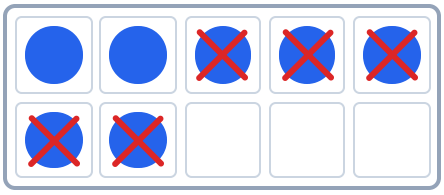


$10 - 4 = \square$

Subtract with Ten Frames

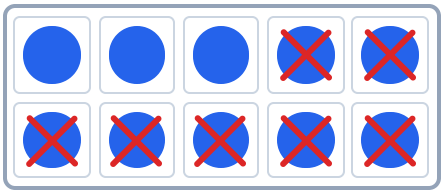
Counters with a red cross are taken away. Write how many are left.

1



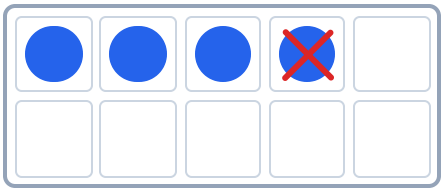
7 − 5 = ☐

2



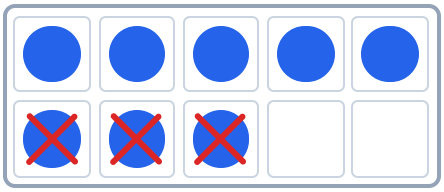
10 − 7 = ☐

3



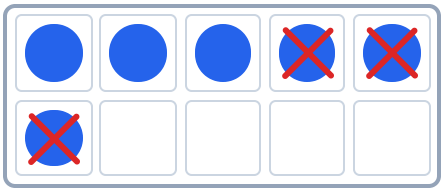
4 − 1 = ☐

4



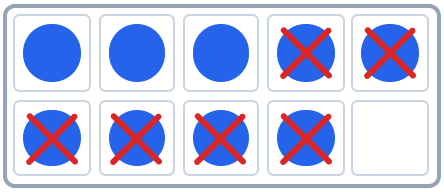
8 − 3 = ☐

5



6 − 3 = ☐

6



9 − 6 = ☐

Subtract on a Number Line

Start at the big dot. Hop to the left. Write where you land.

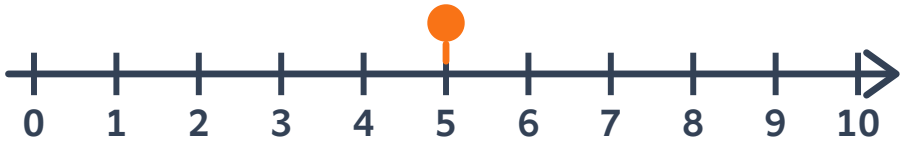
1

9 − 2 = ☐



2

5 − 2 = ☐



3

4 − 1 = ☐



4

9 − 8 = ☐



5

9 − 3 = ☐



Subtract: Number Sentences (1)

Subtract the numbers. Write the answer in the box.

1. $4 - 1 = \square$
2. $5 - 4 = \square$
3. $4 - 2 = \square$
4. $6 - 2 = \square$
5. $3 - 1 = \square$
6. $3 - 2 = \square$
7. $5 - 2 = \square$
8. $6 - 4 = \square$
9. $8 - 4 = \square$
10. $6 - 1 = \square$
11. $6 - 5 = \square$
12. $8 - 7 = \square$

Subtract: Number Sentences (2)

Subtract the numbers. Write the answer in the box.

1. 10 − 4 = ☐
2. 9 − 3 = ☐
3. 10 − 9 = ☐
4. 9 − 4 = ☐
5. 10 − 6 = ☐
6. 9 − 7 = ☐
7. 6 − 3 = ☐
8. 6 − 5 = ☐
9. 7 − 4 = ☐
10. 10 − 5 = ☐
11. 10 − 8 = ☐
12. 10 − 3 = ☐

Add or Subtract? (1)

Look at the sign. Add or subtract.

1. $3 + 1 = \square$
2. $3 - 1 = \square$
3. $10 - 5 = \square$
4. $1 + 5 = \square$
5. $8 - 1 = \square$
6. $7 + 3 = \square$
7. $5 + 2 = \square$
8. $2 + 7 = \square$
9. $2 + 3 = \square$
10. $7 - 4 = \square$
11. $8 - 4 = \square$
12. $9 - 5 = \square$

Add or Subtract? (2)

Look at the sign. Add or subtract.

1. $10 - 9 = \square$
2. $3 + 2 = \square$
3. $3 + 6 = \square$
4. $6 - 4 = \square$
5. $2 + 6 = \square$
6. $5 - 1 = \square$
7. $2 + 3 = \square$
8. $7 - 5 = \square$
9. $1 + 5 = \square$
10. $8 - 3 = \square$
11. $5 - 2 = \square$
12. $8 + 1 = \square$

Missing Numbers (1)

Find the number that is missing. Write it in the box.

1. $2 + \square = 4$
2. $\square - 5 = 1$
3. $7 - \square = 4$
4. $8 - \square = 5$
5. $4 - \square = 3$
6. $2 + \square = 10$
7. $4 - \square = 2$
8. $\square + 9 = 10$
9. $\square + 7 = 10$
10. $8 + \square = 9$
11. $10 - \square = 5$
12. $\square + 4 = 5$

Missing Numbers (2)

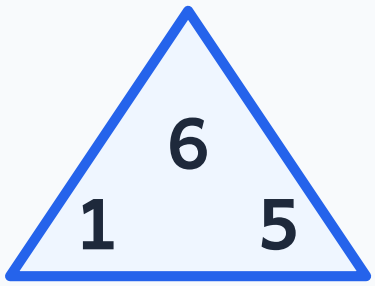
Find the number that is missing. Write it in the box.

1. $\square + 2 = 6$
2. $\square - 2 = 7$
3. $5 + \square = 10$
4. $9 - \square = 6$
5. $8 + \square = 10$
6. $\square - 6 = 1$
7. $8 - \square = 6$
8. $7 + \square = 9$
9. $7 - \square = 6$
10. $1 + \square = 10$
11. $\square - 1 = 7$
12. $3 + \square = 9$

Fact Families

Three numbers make four facts. Fill in each box.

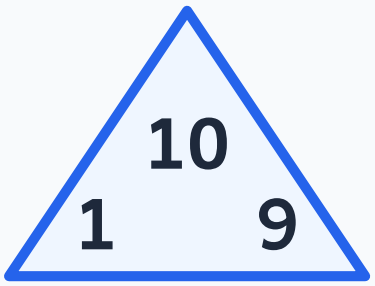
1



1 + 5 = ☐ 6 − 1 = ☐

5 + 1 = ☐ 6 − 5 = ☐

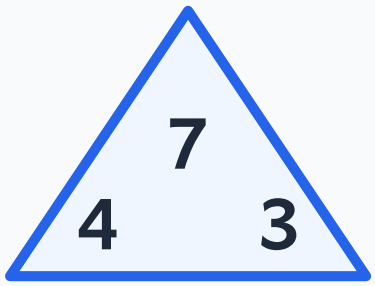
2



1 + 9 = ☐ 10 − 1 = ☐

9 + 1 = ☐ 10 − 9 = ☐

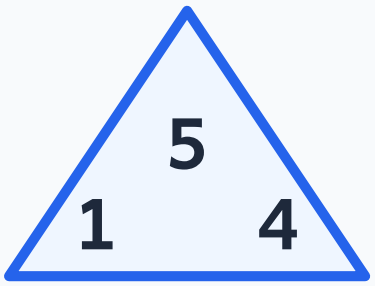
3



4 + 3 = ☐ 7 − 4 = ☐

3 + 4 = ☐ 7 − 3 = ☐

4



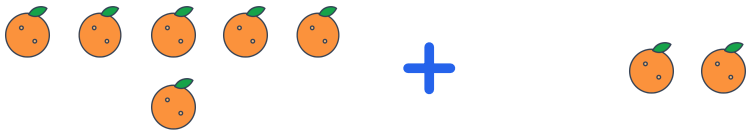
1 + 4 = ☐ 5 − 1 = ☐

4 + 1 = ☐ 5 − 4 = ☐

Story Problems: Add

Read the story. Write the number sentence and the answer.

1 Ivy has 6 oranges. Ivy gets 2 more oranges. How many oranges does Ivy have now?



__ + __ = __

2 There are 5 bees in the garden. 4 more bees come. How many bees are there now?



__ + __ = __

3 Ben has 2 balloons. Ben gets 4 more balloons. How many balloons does Ben have now?



__ + __ = __

4 There are 4 birds in the garden. 4 more birds come. How many birds are there now?

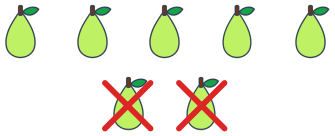


__ + __ = __

Story Problems: Take Away

Read the story. Write the number sentence and the answer.

1 Ella has 7 pears. Ella gives away 2 pears. How many pears does Ella have left?



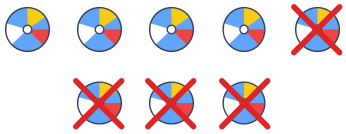


2 There are 6 cats in the yard. 5 cats go away. How many cats are left?



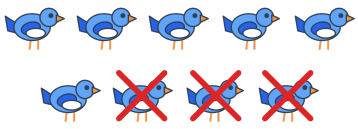


3 Zoe has 8 balls. Zoe gives away 4 balls. How many balls does Zoe have left?





4 There are 9 birds in the garden. 3 birds go away. How many birds are left?





Story Problems: Mix

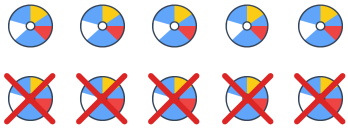
Read the story. Add or take away. Write the answer.

1 There are 3 pigs on the farm. 3 more pigs come. How many pigs are there now?



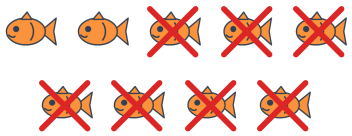


2 Leo has 10 balls. Leo gives away 5 balls. How many balls does Leo have left?



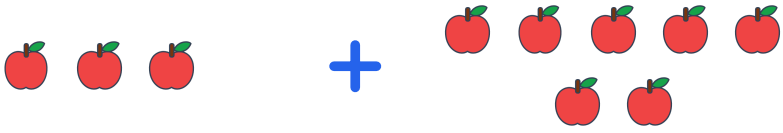


3 There are 9 fish in the pond. 7 fish go away. How many fish are left?





4 Noah has 3 apples. Noah gets 7 more apples. How many apples does Noah have now?





Add to 20

Add the numbers. Write each answer under the line.

1. 9 + 10 =

2. 7 + 7 =

3. 2 + 9 =

4. 10 + 10 =

5. 5 + 8 =

6. 10 + 6 =

7. 9 + 8 =

8. 4 + 8 =

9. 4 + 7 =

10. 9 + 3 =

11. 10 + 9 =

12. 5 + 10 =

Subtract Within 20

Subtract the numbers. Write each answer under the line.

1. 18 − 9 = ____
2. 16 − 7 = ____
3. 16 − 4 = ____
4. 20 − 4 = ____
5. 14 − 7 = ____
6. 15 − 10 = ____
7. 16 − 8 = ____
8. 13 − 7 = ____
9. 14 − 9 = ____
10. 12 − 2 = ____
11. 20 − 6 = ____
12. 12 − 8 = ____

Add and Subtract to 20

Look at the sign. Add or subtract.

1. 13 − 5 = ____
2. 19 − 1 = ____
3. 8 + 9 = ____
4. 11 − 8 = ____
5. 8 + 10 = ____
6. 15 − 5 = ____
7. 18 − 6 = ____
8. 10 + 2 = ____
9. 10 + 6 = ____
10. 16 − 5 = ____
11. 5 + 8 = ____
12. 8 + 8 = ____

Number Sentences to 20

Look at the sign. Add or subtract.

1. 17 − 6 = ☐
2. 8 + 10 = ☐
3. 16 − 4 = ☐
4. 8 + 7 = ☐
5. 12 − 7 = ☐
6. 16 − 1 = ☐
7. 7 + 9 = ☐
8. 10 + 8 = ☐
9. 10 + 9 = ☐
10. 8 + 9 = ☐
11. 18 − 6 = ☐
12. 12 − 10 = ☐

Addition Chart

A chart to help you find the answer to any sum up to 20.

+	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

How to use the chart

1. Find the first number in the blue column on the left.
2. Find the second number in the blue row at the top.
3. Follow both to the box where they meet. That is the sum.
4. The yellow boxes are the pairs that make **10**.

Count on

Start with the bigger number and count up. For **3 + 5**, start at 5 and say 6, 7, 8.

Doubles

Learn the doubles first: **4 + 4 = 8** and **6 + 6 = 12**. They help with the facts next to them.

Make 10

For **9 + 6**, think **9 + 1 + 5**. Fill up to 10 first, then add the rest.

Add zero

Adding zero changes nothing: **7 + 0 = 7**. Look for the zeros on the chart.

My Math Tracker

Color a box each time you can do the skill on your own.

- [ ] I can add pictures to 5
- [ ] I can add pictures to 10
- [ ] I can add with ten frames
- [ ] I can add on a number line
- [ ] I can make 10
- [ ] I can add doubles
- [ ] I can take away pictures to 5
- [ ] I can take away pictures to 10
- [ ] I can subtract with ten frames
- [ ] I can subtract on a number line
- [ ] I can find a missing number
- [ ] I know fact families
- [ ] I can solve story problems
- [ ] I can add and subtract to 20

My math goal for this week: _____

Math words

add
to put numbers together to make a bigger number

plus (+)
the sign that means add

sum
the answer to an addition problem

subtract
to take one number away from another

minus (–)
the sign that means subtract

difference
the answer to a subtraction problem

equals (=)
the same as, or the answer comes next

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Great adding, careful taking away and lots of practice. You are a math star!

2 + 3 | 7 − 4 | 5 + 5 | 9 − 6 | 4 + 4

_____ Date

_____ Signed by

Answer Key (1 of 2)

For parents and teachers. Answers are listed in order, from problem 1.

Page 4	Add the Pictures: Sums to 5 (1)	1) 4 2) 5 3) 3 4) 4
Page 5	Add the Pictures: Sums to 5 (2)	1) 3 2) 4 3) 2 4) 4
Page 6	Add the Pictures: Sums to 10 (1)	1) 8 2) 6 3) 6 4) 8
Page 7	Add the Pictures: Sums to 10 (2)	1) 9 2) 7 3) 8 4) 6
Page 8	Add the Pictures: Sums to 10 (3)	1) 9 2) 7 3) 7 4) 7
Page 9	Add with Ten Frames	1) 8 2) 9 3) 6 4) 4 5) 9 6) 6
Page 10	Add on a Number Line	1) 6 2) 5 3) 7 4) 4 5) 9
Page 11	Add: Number Sentences (1)	1) 6 2) 6 3) 5 4) 4 5) 7 6) 4 7) 8 8) 3 9) 8 10) 7 11) 7 12) 5
Page 12	Add: Number Sentences (2)	1) 9 2) 6 3) 6 4) 8 5) 7 6) 10 7) 6 8) 6 9) 10 10) 7 11) 10 12) 8
Page 13	Make 10	1) 3 2) 2 3) 4 4) 9 5) 2 6) 3 7) 5 8) 1 9) 6 10) 7 11) 8 12) 6
Page 14	Doubles	1) 2 2) 4 3) 6 4) 8 5) 10 6) 12 7) 14 8) 16 9) 18 10) 20
Page 15	Take Away: Within 5 (1)	1) 2 2) 2 3) 3 4) 1
Page 16	Take Away: Within 5 (2)	1) 2 2) 2 3) 1 4) 1
Page 17	Take Away: Within 10 (1)	1) 7 2) 7 3) 2 4) 5
Page 18	Take Away: Within 10 (2)	1) 8 2) 1 3) 9 4) 6
Page 19	Take Away: Within 10 (3)	1) 2 2) 1 3) 6 4) 6
Page 20	Subtract with Ten Frames	1) 2 2) 3 3) 3 4) 5 5) 3 6) 3

Answer Key (2 of 2)

For parents and teachers. Answers are listed in order, from problem 1.

Page 21	Subtract on a Number Line	1) 7 2) 3 3) 3 4) 1 5) 6
Page 22	Subtract: Number Sentences (1)	1) 3 2) 1 3) 2 4) 4 5) 2 6) 1 7) 3 8) 2 9) 4 10) 5 11) 1 12) 1
Page 23	Subtract: Number Sentences (2)	1) 6 2) 6 3) 1 4) 5 5) 4 6) 2 7) 3 8) 1 9) 3 10) 5 11) 2 12) 7
Page 24	Add or Subtract? (1)	1) 4 2) 2 3) 5 4) 6 5) 7 6) 10 7) 7 8) 9 9) 5 10) 3 11) 4 12) 4
Page 25	Add or Subtract? (2)	1) 1 2) 5 3) 9 4) 2 5) 8 6) 4 7) 5 8) 2 9) 6 10) 5 11) 3 12) 9
Page 26	Missing Numbers (1)	1) 2 2) 6 3) 3 4) 3 5) 1 6) 8 7) 2 8) 1 9) 3 10) 1 11) 5 12) 1
Page 27	Missing Numbers (2)	1) 4 2) 9 3) 5 4) 3 5) 2 6) 7 7) 2 8) 2 9) 1 10) 9 11) 8 12) 6
Page 28	Fact Families	1) 6, 5, 6, 1 2) 10, 9, 10, 1 3) 7, 3, 7, 4 4) 5, 4, 5, 1
Page 29	Story Problems: Add	1) 8 2) 9 3) 6 4) 8
Page 30	Story Problems: Take Away	1) 5 2) 1 3) 4 4) 6
Page 31	Story Problems: Mix	1) 6 2) 5 3) 2 4) 10
Page 32	Add to 20	1) 19 2) 14 3) 11 4) 20 5) 13 6) 16 7) 17 8) 12 9) 11 10) 12 11) 19 12) 15
Page 33	Subtract Within 20	1) 9 2) 9 3) 12 4) 16 5) 7 6) 5 7) 8 8) 6 9) 5 10) 10 11) 14 12) 4
Page 34	Add and Subtract to 20	1) 8 2) 18 3) 17 4) 3 5) 18 6) 10 7) 12 8) 12 9) 16 10) 11 11) 13 12) 16
Page 35	Number Sentences to 20	1) 11 2) 18 3) 12 4) 15 5) 5 6) 15 7) 16 8) 18 9) 19 10) 17 11) 12 12) 2