

Grade 1 · Subtraction Within 20 · Worksheet Answer Key

Common Core 1.OA.A.1, 1.OA.B.4, 1.OA.C.6, 1.OA.C.5 · mathovore.fr

Here are the full worked answers for the Grade 1 subtraction worksheet. Each answer shows the strategy: counting back, thinking of a missing addend, or using a fact family. Read each step with the child, then let the child try a similar problem alone.

Grade 1 Common Core: 1.OA.A.1 · 1.OA.B.4 · 1.OA.C.6 · 1.OA.C.5

Problem 1: Take away a picture

Start with 8. Take away 3. Count the grapes that are not crossed out: 5.

$$8 - 3 = 5$$

Problem 2: Ten frame take away

There are 9 counters in all. Four are crossed out. Five are left.

$$9 - 4 = 5$$

Problem 3: Find the differences

- a. $7 - 2 = 5$
- b. $10 - 6 = 4$
- c. $8 - 0 = 8$. Taking away 0 changes nothing.
- d. $6 - 6 = 0$. Taking away all leaves 0.

5, 4, 8, 0

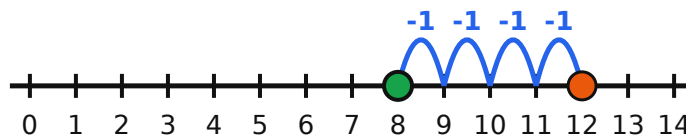
Problem 4: Doubles help

- a. $5 + 5 = 10$, so $10 - 5 = 5$.
- b. $7 + 7 = 14$, so $14 - 7 = 7$.
- c. $9 + 9 = 18$, so $18 - 9 = 9$.

5, 7, 9

Problem 5: Count back on a number line

Hop back one step at a time: 11, 10, 9, 8. You land on 8.



Four hops back from 12 land on 8.

$$12 - 4 = 8$$

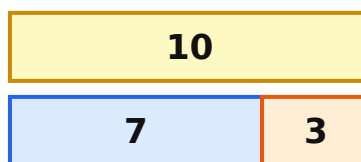
Problem 6: Count back

Start at 15. Count back 3: 14, 13, 12.

$$15 - 3 = 12$$

Problem 7: Think addition with a bar

Ask: 7 plus what number makes 10? Count up from 7: 8, 9, 10. That is 3 counts. Check: $7 + 3 = 10$.



The missing part is 3.

$$10 - 7 = 3$$

Problem 8: Missing addend

Count up from 9 to 12: 10, 11, 12. That is 3 counts, so $9 + 3 = 12$.

3, and $12 - 9 = 3$

Problem 9: Subtract by making a ten

Split 8 into 3 and 5. Take away 3 first: $13 - 3 = 10$. Then take away 5: $10 - 5 = 5$.

5, 5, 5

Problem 10: Fact family of three numbers

The whole is 13. The parts are 6 and 7. Write two addition and two subtraction sentences.

$$6 + 7 = 13, 7 + 6 = 13, 13 - 7 = 6, 13 - 6 = 7$$

Problem 11: Write the missing sentence

The fourth sentence takes away the other part. Take away 5 from 14.

$$14 - 5 = 9$$

Problem 12: Use a related fact

The whole is 15. Take away 7 and 8 is left. Take away 8 and 7 is left.

$$15 - 7 = 8 \text{ and } 15 - 8 = 7$$

Problem 13: Missing numbers

- a. $9 + 7 = 16$, so the missing number is 7.
- b. $5 + 6 = 11$, so the missing number is 6.
- c. $8 + 3 = 11$, so the missing number is 11.

7, 6, 11

Problem 14: Circle the sixes

$$14 - 8 = 6, 15 - 8 = 7, 13 - 7 = 6, 12 - 5 = 7.$$

$$14 - 8 \text{ and } 13 - 7$$

Problem 15: Mixed differences

- a. $16 - 8 = 8$
- b. $17 - 10 = 7$
- c. $15 - 9 = 6$
- d. $19 - 4 = 15$

8, 7, 6, 15

Problem 16: Cubes: how many more?

Match the cubes one to one. Four of Mei's cubes have no match. Check: $5 + 4 = 9$.

Mei



Jamal



The 4 extra cubes are the difference.

$9 - 5 = 4$, so Mei has 4 more cubes

Problem 17: Grapes

Take away: $15 - 6$. Think $6 + 9 = 15$.

$15 - 6 = 9$, so **9 grapes are left**

Problem 18: Stickers given away

Ask: 8 plus what makes 14? Count up: 9, 10, 11, 12, 13, 14. That is 6. Check: $8 + 6 = 14$.



She gave away 6.

$14 - 8 = 6$, so she gave away **6 stickers**

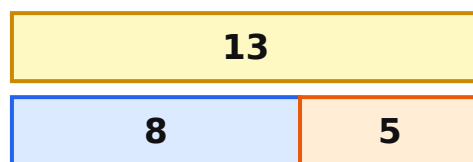
Problem 19: Cards: how many fewer?

Find the difference: $12 - 7$. Think $7 + 5 = 12$.

$12 - 7 = 5$, so **Sofia has 5 fewer cards**

Problem 20: Fish in a tank

Subtract the orange fish: $13 - 8$. Think $8 + 5 = 13$.



Five fish are yellow.

$13 - 8 = 5$, so **5 fish are yellow**

Problem 21: Crackers

The crackers he ate and the crackers left make the start: $9 + 4 = 13$. Check: $13 - 4 = 9$.

13 crackers

Problem 22: Pencils for friends

First: $19 - 6 = 13$. Next: $13 - 5 = 8$. Check another way: $6 + 5 = 11$ and $19 - 11 = 8$.

8 pencils