bananalearn

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Number bonds to 10 for Grade 1

Practice worksheet - Maths · Grade 1

Name: _____ Date: _____

Show your working. Answers and explanations follow on a separate page.

An adult can read the questions aloud. Draw dots or use ten large counters if helpful. Write or say the missing number and show how you checked. Work through a few questions at a time; this is not a speed test.

Write an answer and your reason before opening the explanation. Check the reasoning as well as the final answer.

1. A ten-frame has 6 counters. How many empty spaces remain?

2. A frame has one full row of five and four counters in the other row. How many more fill the frame?

3. Complete 3 + □ = 10.

4. Complete □ + 8 = 10.

5. Complete 10 = 6 + □.

6. Complete 10 + □ = 10.

7. Ten toy spaces are ready. Two toys are put away. How many spaces are still empty?

8. There are ten bookmarks. Seven are handed out. How many remain?

9. Do 4 and 5 make ten? Explain with dots.

10. A friend says 2 + 8 and 8 + 2 have different totals. What would you show?

11. Complete $10 - 6 = \square$.

12. Complete $10 - \square = 9$.

13. The diagram labels are whole 10, part 7 and part 3. Should you add 10 + 7 + 3 to find the collection's size?

14. The parts are 4 and 6. Move one counter from the group of six into the group of four. What are the new parts?

15. Draw a bond to ten that uses zero.

16. Make your own missing-part story for 9 and 1 making ten.

Answers and explanations

Answer key - Maths · Grade 1

Number bonds to 10 for Grade 1

1. 4 spaces.

Ten spaces minus six filled spaces leaves four; 6 + 4 = 10.

2. 1 counter.

There are nine counters and one empty space.

3. 7.

Three and seven are the two parts. Join them to check ten.

4. 2.

The missing part can appear first. Two and eight make ten.

5. 4.

The equal sign compares the same amount on both sides; six and four make ten.

6. 0.

Adding no extra objects leaves the total at ten.

7. 8 spaces.

Two filled spaces and eight empty spaces make ten spaces altogether.

8. 3 bookmarks.

Seven and three make ten; taking the seven part leaves three.

9. No. They make nine; 4 needs 6 to make ten.

Draw four dots and five dots. The total is one short of ten.

10. Show the same two groups swapped. Both totals are ten.

Moving the groups does not add or remove objects.

11. 4.

Six and four make ten, so removing the six part leaves four.

12. 1.

Removing one from ten leaves nine. The box asks for the removed part.

13. No. The collection already has ten objects.

The labels seven and three describe parts of those same ten objects. Adding all labels counts the collection twice.

14. 5 and 5.

One part grows by one and the other shrinks by one. The whole remains ten.

15. Whole 10, with parts 0 and 10, in either order.

One group is empty and the other contains all ten objects.

16. For example: ten seats are ready and nine are taken. One seat is empty.

Other stories work if ten is the whole and nine and one describe its two parts.