

Addition and Subtraction Within 100

Time: 15 min. 6 questions.

Instructions

Answer each question in your notebook. You can draw pictures, use a number line, or use counters to help you. Try your best on every question!

Questions

1. Maria says: " $10 + 20 + 30$ is the same as $30 + 10 + 20$." Is she correct?
A) True
B) False ([Outcome](#))
2. Fill in the missing number: $45 + \underline{\quad} = 45 + 20$ ([Details](#))
3. What is 100 made of? Circle the correct answer.
A) 5 tens
B) 10 tens
C) 20 tens
D) 100 ones and nothing else ([Details](#))
4. Show two different ways to make the sum 17. Use addition facts with addends to 10. ([Details](#))
5. Tom has 62 stickers. He gives away some stickers and now has 45 stickers. How many stickers did Tom give away? ([Outcome](#))
6. A student adds $38 + 25$ and gets 63. How can they check if this answer is correct, using subtraction? ([Details](#))

Curriculum coverage

Question	Outcome alias
1	Outcome
2	Details
3	Details
4	Details
5	Outcome
6	Details

Answer key

1. **True.** Addition order does not change the sum, so adding numbers in any order gives the same total ([Outcome](#)).
2. **20.** Both sides start with 45, so the missing number must match 20 to make the equation balanced ([Details](#)).
3. **B) 10 tens.** The number 100 can be shown as ten groups of ten ([Details](#)).

4. **Sample answer: $10 + 7 = 17$ and $9 + 8 = 17$.** A sum can be made in more than one way using different addition facts ([Details](#)).
5. **17 stickers.** Subtracting 45 from 62 gives the number of stickers Tom gave away, since $62 - 45 = 17$ ([Outcome](#)).
6. **Subtract 25 from 63.** If $38 + 25 = 63$ is correct, then $63 - 25$ should equal 38, which checks the addition using the inverse operation ([Details](#)).