

Addition and Subtraction Within 100

Time: 20 min. 8 questions.

Instructions

Answer each question on your own. You can use counters, a hundred chart, or draw pictures to help you. Show your thinking for the short-answer questions.

Questions

1. What is $7 + 6$?

- A) 12
- B) 13
- C) 14
- D) 11

(Skills)

2. Maya adds $34 + 20$ by thinking of 20 as two tens. Write the two steps she uses to find the answer. (Knowledge)

3. True or False: If you add $3 + 4 + 6$, you get the same sum no matter which two numbers you add first. (Knowledge)

4. What is $58 + 25$? (Skills)

5. A number sentence says: $47 + \underline{\quad} = 90$. What number goes in the blank?

- A) 33
- B) 43
- C) 53
- D) 63

(Skills)

6. Show two different ways to make a sum of 50 using tens, for example $30 + 20$. Write both ways. (Skills)

7. True or False: You can check that $62 - 15 = 47$ by adding $47 + 15$ to see if you get 62. (Skills)

8. A ribbon is 92 centimetres long. Sam cuts off 38 centimetres. How many centimetres of ribbon are left? (Understanding)

Curriculum coverage

Question	Outcome alias
1	Skills
2	Knowledge
3	Knowledge
4	Skills
5	Skills
6	Skills
7	Skills

8	Understanding
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Answer key

1. B) 13. Seven plus six equals thirteen, an addition fact with addends to 10 ([Skills](#)).
2. Maya can add $34 + 20 = 34 + 10 + 10$, or think 3 tens plus 2 tens makes 5 tens, then add the 4 ones: $50 + 4 = 54$. Making multiples of ten is a strategy for adding two-digit numbers ([Knowledge](#)).
3. True. Changing the order of the numbers being added does not change the sum, this is the associative property ([Knowledge](#)).
4. 83. Fifty-eight plus twenty-five equals eighty-three, a sum within 100 ([Skills](#)).
5. C) 53. Forty-seven plus fifty-three equals ninety, so 53 is the missing quantity ([Skills](#)).
6. Any two correct pairs of tens or mixed addends that total 50 are acceptable, for example $30 + 20$ and $10 + 10 + 10 + 10 + 10$. A sum can be composed in multiple ways using multiples of ten ([Skills](#)).
7. True. Addition can verify a subtraction answer because addition and subtraction are inverse operations ([Skills](#)).
8. 54 centimetres. Ninety-two minus thirty-eight equals fifty-four, a subtraction of a measurable length ([Understanding](#)).