

Addition and Subtraction within 100

Time: 15 min. 6 questions.

Instructions

Answer all six questions. You may use counters, blocks, or drawings to help you solve the problems. Show your thinking when asked.

Questions

1. What is $24 + 13$?
A) 35
B) 36
C) 37
D) 38
([Skills](#))
2. Maya has 18 stickers. She buys 22 more stickers. How many stickers does Maya have now? Write the number.
([Skills](#))
3. True or false: $5 + 3 + 2$ gives the same answer as $3 + 5 + 2$.
([Knowledge](#))
4. Sam has 50 cents. He spends 17 cents on a pencil. How much money does Sam have left?
A) 33 cents
B) 34 cents
C) 35 cents
D) 36 cents
([Skills](#))
5. Complete this number sentence: $30 + \underline{\quad} = 50$
([Skills](#))
6. You can make 100 by adding $40 + 30 + 30$. True or false?
([Skills](#))

Curriculum coverage

Question	Learning Outcome	Content
1	Skills	Add numbers up to a sum of 100
2	Skills	Add numbers up to a sum of 100
3	Knowledge	The order in which more than two numbers are added does not affect the sum
4	Skills	Subtract numbers with a maximum minuend of 100
5	Skills	Determine a missing quantity in a sum or difference within 100
6	Skills	Visualize 100 as a composition of multiples of 10 in various ways

Answer key

1. **C) 37.** Adding $24 + 13$ by making a ten ($24 + 10 = 34$, then $34 + 3 = 37$) or by adding tens and ones separately ($20 + 10 = 30$, then $4 + 3 = 7$, then $30 + 7 = 37$).
2. **40.** Adding $18 + 22$ by making a ten ($18 + 2 = 20$, then $20 + 20 = 40$) or by adding tens and ones separately ($10 + 20 = 30$, then $8 + 2 = 10$, then $30 + 10 = 40$).
3. **True.** The order in which numbers are added does not change the sum, so $5 + 3 + 2 = 10$ and $3 + 5 + 2 = 10$.
4. **A) 33 cents.** Subtracting $50 - 17$ by counting up ($17 + 3 = 20$, then $20 + 30 = 50$, so $3 + 30 = 33$) or by subtracting tens and ones ($50 - 10 = 40$, then $40 - 7 = 33$).
5. **20.** Adding $30 + 20 = 50$, so the missing number is 20.
6. **True.** $40 + 30 + 30 = 100$, which shows that 100 can be made as a composition of multiples of 10 in this way.