

# Addition and Subtraction Within 100

Time: 15 min. 6 questions.

## Instructions

Answer all six questions. You may use pictures, numbers, or words to show your thinking. For questions that ask you to find a number, write the number clearly. For true or false questions, circle the word that is correct.

## Questions

- What is  $24 + 13$ ?  
A) 35  
B) 37  
C) 39  
D) 41  
(Skills)
- Maya has 18 stickers. She gets 12 more stickers. How many stickers does Maya have now? Show your work or explain how you found your answer.  
(Skills)
- True or false:  $15 + 20 + 5$  gives the same answer as  $5 + 15 + 20$ .  
(Knowledge)
- There are 42 apples in a basket. Some apples are red and some are green. Write two different ways to make 42 using addition.  
(Skills)
- Which number sentence is correct?  
A)  $50 - 18 = 32$   
B)  $50 - 18 = 28$   
C)  $50 - 18 = 35$   
D)  $50 - 18 = 42$   
(Skills)
- Sam has 37 toy cars. He gives away 15 cars. How many cars does Sam have left?  
(Skills)

## Curriculum Coverage

| Question | Learning Outcome | Content                                                  |
|----------|------------------|----------------------------------------------------------|
| 1        | Skills           | Add numbers up to a sum of 100                           |
| 2        | Skills           | Solve problems using addition of countable quantities    |
| 3        | Knowledge        | Associative property of addition                         |
| 4        | Skills           | Compose a sum in multiple ways                           |
| 5        | Skills           | Subtract numbers with a maximum minuend of 100           |
| 6        | Skills           | Solve problems using subtraction of countable quantities |

## Answer Key

1. **B) 37.** Adding  $24 + 13$  by making a ten or counting on gives 37 ([Skills](#)).
2. **30 stickers.** Maya starts with 18 and adds 12 more, which equals 30 ([Skills](#)).
3. **True.** The order in which numbers are added does not change the sum; both equal 40 ([Knowledge](#)).
4. **Any two of these:  $40 + 2$ ,  $30 + 12$ ,  $20 + 22$ ,  $35 + 7$ .** A sum can be made in many ways ([Skills](#)).
5. **A)  $50 - 18 = 32$**  Subtracting 18 from 50 leaves 32 ([Skills](#)).
6. **22 cars.** Sam starts with 37 and gives away 15, leaving 22 ([Skills](#)).