Year 2 maths: Taking away from two-digit numbers (Hard)

Maths · Number
Level: Hard

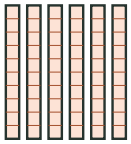
Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. The blocks show 61. Take away 25. What number do the blocks make now?

Answer: ☐



tens ones

Working:

2. Mia's class collected 64 cans. They took 20 to the recycling centre on Monday and 15 on Tuesday. How many cans do they still have?

Answer: ☐ cans

Working:

3. Tick every take-away where you need to trade a ten.

Tick every answer that fits.

☐ **A** 45 − 18 ☐ **B** 67 − 34 ☐ **C** 80 − 23 ☐ **D** 92 − 51 ☐ **E** 53 − 29

4. Noah, Ava and Kai picked 75 lemons altogether. Noah picked 30 and Ava picked 24. How many lemons did Kai pick?

Answer: ☐ lemons

Working:

5. Aiyana worked out 570 − 40. Her answer was 170. What went wrong?

Circle one answer.

○ **A** Nothing. Her answer is right.

○ **B** She should have taken 4 ones. The answer is 566.

○ **C** She took away 4 hundreds, not 4 tens. The answer is 530.

6. 72 − ? = 47. What is the missing number?

Answer: ☐

Working:

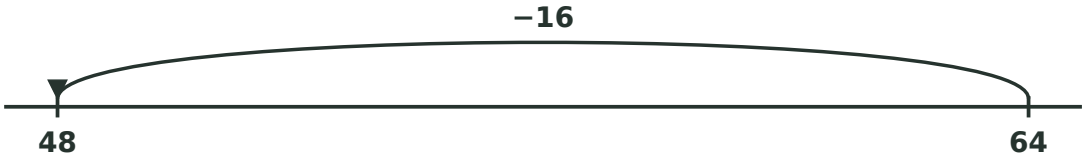
7. Tick every take-away where the answer is the same as the number taken away.

Tick every answer that fits.

☐ **A** 48 − 24 ☐ **B** 62 − 31 ☐ **C** 50 − 25 ☐ **D** 46 − 32

8. Tia drew one jump back from 64 to 48. She wrote 48 − 16 = 32 for it. What should she have written?

Circle one answer.



○ **A** 64 − 16 = 48 ○ **B** 64 + 16 = 80

○ **C** 48 − 16 = 32. She is right.

9. A jump goes back from 100 to 85. 100 − ? = 85. How big is the jump?

Answer: ☐

100 , **85**

Working:

10. A jump goes back from 72 to 49. 72 − ? = 49. How big is the jump?

Answer: ☐

72 , **49**

Working:

Answer key

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1. 36

Take 2 tens to leave 41. Then there is only 1 loose one, so trade a ten: 3 tens and 11 ones. 11 − 5 = 6. That leaves 36.

2. 29 cans

Take away both lots. 64 − 20 = 44. 44 − 15: 44 − 10 = 34, then 34 − 5 = 29.

3. A — 45 − 18; C — 80 − 23; E — 53 − 29

Trade a ten when the ones on top are too few: 5 is less than 8, 0 is less than 3 and 3 is less than 9. In 67 − 34 and 92 − 51 there are enough ones.

4. 21 lemons

Take Noah's and Ava's lemons away from the total. 75 − 30 = 45. 45 − 24 = 21. Check: 30 + 24 + 21 = 75.

5. C — She took away 4 hundreds, not 4 tens. The answer is 530.

40 is 4 tens, not 4 hundreds. 7 tens take away 4 tens leaves 3 tens, so the answer is 530.

6. 25

Count up from 47: 47 to 50 is 3, 50 to 70 is 20, 70 to 72 is 2. 3 + 20 + 2 = 25. Check: 72 − 25 = 47.

7. A — 48 − 24; B — 62 − 31; C — 50 − 25

24 + 24 = 48, 31 + 31 = 62 and 25 + 25 = 50, so each takes away half. 46 − 32 = 14, which is not 32.

8. A — 64 − 16 = 48

The jump starts on 64 and lands on 48. It goes back 16, so the sentence is 64 − 16 = 48. Tia started where the jump lands.

9. 15

From 100 back to 90 is 10. From 90 back to 85 is 5 more. 10 + 5 = 15, so 100 − 15 = 85.

10. 23

From 72 back to 52 is 20. From 52 back to 49 is 3 more. 20 + 3 = 23, so 72 − 23 = 49.