Year 3 maths: Missing digits in sums (Easy)

Maths · Number
Level: Easy

Student: _____ Date: _____

Instructions
- There are 9 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. 84 − 3□ = 51. What digit goes in the box?

Answer: ☐

	T	O
	8	4
−	3	□
	5	1

Working:

2. 7□ − 42 = 35. What digit goes in the box?

Answer: ☐

	T	O
	7	□
−	4	2
	3	5

Working:

3. 34 + 52 = 8□. What digit goes in the box?

Answer: ☐

	T	O
	3	4
+	5	2
	8	□

Working:

4. 4□ + 34 = 78. What digit goes in the box?

Circle one answer.

	T	O
	4	□
+	3	4
	7	8

○ **A** 8 ○ **B** 4 ○ **C** 3 ○ **D** 2

5. Mia says the missing digit in 6□ − 15 = 52 is 3. Is she right?

Circle one answer.

	T	O
	6	□
−	1	5
	5	2

○ **A** No, it is 7 ○ **B** Yes, it is 3 ○ **C** No, it is 2

6. 25 + 4□ = 69. What digit goes in the box?

Answer: ☐

	T	O
	2	5
+	4	□
	6	9

Working:

7. 31 + 24 + □2 = 87. What digit goes in the box?

Answer:

T	O	
	3	1
	2	4
+	?	2
=	8	7

Working:

8. 16 + 21 + 4□ = 79. What digit goes in the box?

Circle one answer.

T	O	
	1	6
	2	1
+	4	?
=	7	9

○ **A** 4 ○ **B** 1 ○ **C** 9 ○ **D** 2

9. ▲ − 20 = 15. What number is ▲?

Circle one answer.

○ **A** 35 ○ **B** 5 ○ **C** 20 ○ **D** 15

Answer key

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1. 3

Ones column: 4 − □ = 1, so □ = 3. Check: 84 − 33 = 51.

2. 7

Ones column: □ − 2 = 5. Add back: 5 + 2 = 7, so □ = 7. Check: 77 − 42 = 35.

3. 6

Ones column: 4 + 2 = 6, so □ = 6. 34 + 52 = 86.

4. B — 4

Ones column: □ + 4 = 8, so □ = 4. Check: 44 + 34 = 78.

5. A — No, it is 7

The box is on top: □ − 5 = 2. Add back: 2 + 5 = 7. Check: 67 − 15 = 52. Mia did 5 − 2 = 3 instead.

6. 4

Ones column: 5 + □ = 9, so □ = 4. Check: 25 + 44 = 69.

7. 3

Add the two numbers you know: 31 + 24 = 55. 87 − 55 = 32, so the box is 3. Check: 31 + 24 + 32 = 87.

8. D — 2

Add the two numbers you know: 16 + 21 = 37. 79 − 37 = 42, so the box is 2. Check: 16 + 21 + 42 = 79.

9. A — 35

▲ is the starting number, so add back: 15 + 20 = 35. Check: 35 − 20 = 15.