

Varied Fluency

Step 1: Add and Subtract Integers

National Curriculum Objectives:

Mathematics Year 6: (6C8) [Solve problems involving addition, subtraction, multiplication and division](#)

Differentiation:

Developing Questions to support adding and subtracting 5-digit integers using a column addition format where possible and involving single step problems where only up to one exchange takes place.

Expected Questions to support adding and subtracting 6-digit integers with up to 2 exchanges which can include a linear or column format involving up to two-step problems.

Greater Depth Questions to support adding and subtracting 6-digit integers with multiple exchanges which can include a linear or column format. Using multi-step problems if possible and where numbers are represented in numerals and words.

More [Year 6 Four Operations](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Add and Subtract Integers

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1a. Select the correct answer.

$$\begin{array}{r} 4 \ 4 \ 6 \ 1 \ 7 \\ - 1 \ 3 \ 3 \ 8 \ 7 \\ \hline \end{array}$$

A: 31,230

B: 30,630

C: 30,320



VF

1b. Select the correct answer.

$$\begin{array}{r} 7 \ 6 \ 5 \ 4 \ 3 \\ + 1 \ 6 \ 2 \ 0 \ 4 \\ \hline \end{array}$$

A: 92,747

B: 92,474

C: 82,747



VF

2a. True or false?

$$\begin{array}{r} 4 \ 5 \ 8 \ 1 \ 2 \\ + 3 \ 3 \ 1 \ 1 \ 9 \\ \hline 7 \ 8 \ 9 \ 2 \ 3 \end{array}$$



VF

2b. True or false?

$$\begin{array}{r} 5 \ 5 \ 8 \ 7 \ 2 \\ - 2 \ 2 \ 4 \ 9 \ 1 \\ \hline 3 \ 3 \ 3 \ 8 \ 1 \end{array}$$



VF

3a. Find the value of C.

41,245	12,384
C	



VF

3b. Find the value of B.

12,444	B
86,268	



VF

4a. Find the sum of and the difference between the numbers below.

65,622

23,910



VF

4b. Find the sum of and the difference between the numbers below.

14,339

25,452



VF

Add and Subtract Integers

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5a. Select the correct answer.

$$\begin{array}{r} 5 \quad 7 \quad 7 \quad 0 \quad 3 \quad 2 \\ + \quad 2 \quad 3 \quad 2 \quad 1 \quad 8 \quad 3 \\ \hline \end{array}$$

A: 809,215

B: 812,215

C: 809,364



VF

5b. Select the correct answer.

$$\begin{array}{r} 4 \quad 9 \quad 0 \quad 3 \quad 2 \quad 7 \\ - \quad 1 \quad 2 \quad 8 \quad 2 \quad 1 \quad 8 \\ \hline \end{array}$$

A: 361,109

B: 362,109

C: 362,108



VF

6a. True or false?

$$131,298 + 213,555 - 152,912 = 191,941$$



VF

6b. True or false?

$$653,786 - 345,719 + 149,371 = 457,938$$



VF

7a. Find the value of B.

242,763	B	147,406
560,379		



VF

7b. Find the value of A.

A	190,234	194,027
389,128		



VF

8a. Find the sum of and the difference between the numbers below.

307,325

664,505



VF

8b. Find the sum of and the difference between the numbers below.

782,664

205,480



VF

Add and Subtract Integers

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9a. Select the correct answer.

$$\begin{array}{r} 6 \quad 8 \quad 9 \quad 2 \quad 2 \quad 5 \\ 1 \quad 6 \quad 9 \quad 1 \quad 8 \quad 9 \\ + 1 \quad 0 \quad 2 \quad 5 \quad 6 \quad 4 \\ \hline \end{array}$$

A: 960,968

B: 960,978

C: 958,978



VF

9b. Select the correct answer.

$$\begin{array}{r} 7 \quad 2 \quad 7 \quad 5 \quad 5 \quad 7 \\ 2 \quad 3 \quad 6 \quad 7 \quad 9 \quad 8 \\ - 1 \quad 9 \quad 7 \quad 2 \quad 2 \quad 3 \\ \hline \end{array}$$

A: 291,536

B: 290,536

C: 293,536



VF

10a. True or false?

$700,573 + 289,785 + 505,037 =$
one hundred and forty-nine
thousand, three hundred and
ninety-five



VF

10b. True or false?

$800,664 - 690,981 - 100,794 =$
eight thousand, eight hundred and
eighty-nine



VF

11a. Find the value of B.

205,376	541,523	B
nine hundred and fifty thousand		



VF

11b. Find the value of A.

A	384,775	120,024
eight hundred and seventy-five thousand		



VF

12a. Find the sum of and the difference
between the numbers below.

eight hundred
and ninety-nine
thousand, six
hundred and
twenty-eight

three hundred
and ninety
thousand, eight
hundred and
forty-five



VF

12b. Find the sum of and the difference
between the numbers below.

two hundred and
eighty-nine
thousand, nine
hundred and
ninety-four

six hundred and
ninety-five
thousand, seven
hundred and
seventy-six



VF

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Developing

- 1a. **A**
2a. **False, the answer is 78,931.**
3a. **53,629**
4a. **sum – 89,532; difference – 41,712**

Expected

- 5a. **A**
6a. **True**
7a. **170,210**
8a. **sum – 971,830; difference – 357,180**

Greater Depth

- 9a. **B**
10a. **False, the answer is 1,495,395.**
11a. **203,101**
12a. **sum – 1,290,473; difference – 508,783**

Varied Fluency
Add and Subtract Integers

Developing

- 1b. **A**
2b. **True**
3b. **73,824**
4b. **sum – 39,791; difference – 11,113**

Expected

- 5b. **B**
6b. **False, the answer is 457,438.**
7b. **4,867**
8b. **sum – 988,144; difference – 577,184**

Greater Depth

- 9b. **C**
10b. **True**
11b. **370,201**
12b. **sum – 985,770; difference – 405,782**