

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 5 and Year 6 Addition and Subtraction](#) resources.

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

Add and Subtract Integers

Add and Subtract Integers

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



6 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



6 VF

2a. True or false?

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



6 VF

2b. True or false?

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



6 VF

3a. Find the value of C.

41,245	12,384
C	



6 VF

3b. Find the value of B.

12,444	B
86,268	



6 VF

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

65,622

23,910



6 VF

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

14,339

25,452



6 VF

Add and Subtract Integers

Add and Subtract Integers

5a. Select the correct answer.

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

A: 809,215

B: 812,215

C: 809,364



6 VF

5b. Select the correct answer.

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

A: 361,109

B: 362,109

C: 362,108



6 VF

6a. True or false?

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



6 VF

6b. True or false?

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



6 VF

7a. Find the value of B.

242,763	B	147,406
560,379		



6 VF

7b. Find the value of A.

A	190,234	194,027
389,128		



6 VF

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

307,325

664,505



6 VF

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

782,664

205,480



6 VF

Add and Subtract Integers

Add and Subtract Integers

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



6 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



6 VF

10a. True or false?

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



6 VF

10b. True or false?

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



6 VF

11a. Find the value of B.

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



6 VF

11b. Find the value of A.

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



6 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



6 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



6 VF

Varied Fluency
Add and Subtract Integers

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**