

Add and subtract integers



1 Complete the calculations.

a)

		3	0	5	9
	+	1	5	4	2
		4	6	0	1
					7

b)

		4	2	4	8
	-			5	2
		4	1	9	6
					1

c) $5,236 + 424,850$

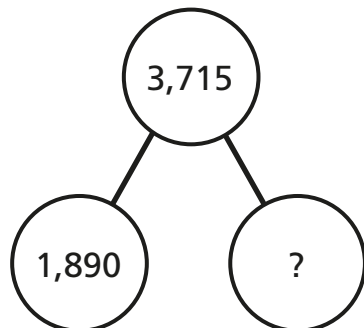
		4	2	4	8
	+			5	2
		4	3	0	0
					8

d) $30,594 - 15,423$

		3	0	5	9
	-		1	5	4
		1	5	1	7
					4

2 Calculate the missing numbers. Show your method.

a)



		3	7	1	5
	-		1	8	9
		1	8	2	5

b)

		?		
	2,354	750	1,500	

		2	3	5	4
			7	5	0
	+	1	5	0	0
		4	6	0	4

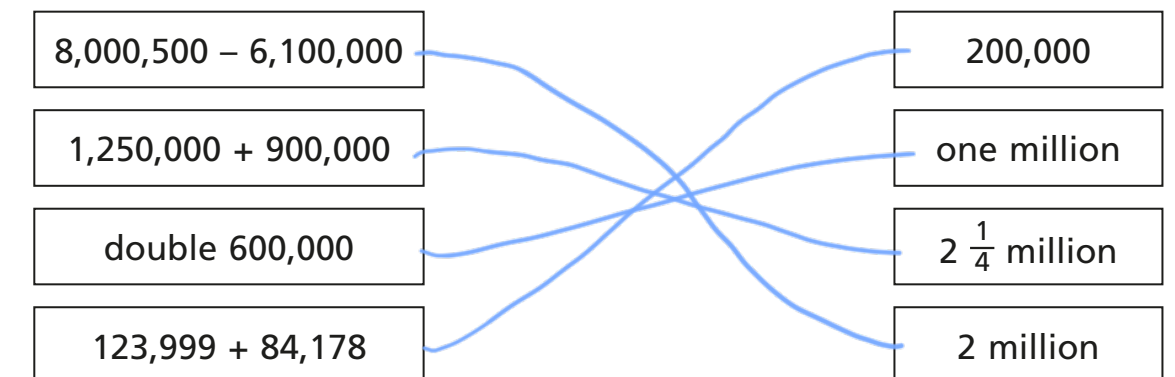
c) $23,500 + \boxed{} + 120,578 = 1,201,079$

		1	2	0	5
	+		2	3	5
		1	4	4	0
					7

d) $\boxed{} - 233,233 = 322,322$

		3	2	2	3
	+		2	3	3
		5	5	5	5
					2

3 Match the calculations to the best estimates.



Talk about your answers with a partner.

4 Complete the calculations.

a)

		8	1	4	8
	+		1	8	0
		9	9	5	4

c)

		8	2	4	8
	-		3	6	9
		4	5	5	5

b)

		2	9	0	5
	-		2	0	0
		0	9	0	0

d)

		2	1	9	8
	+		1	9	0
		4	1	0	5

5

Player	Score
Annie	350,250
Jack	175,900
Mo	99,750
Dora	?

a) What is Dora's score?

$$\begin{array}{r} 145900 \\ - 88300 \\ \hline 87600 \end{array}$$

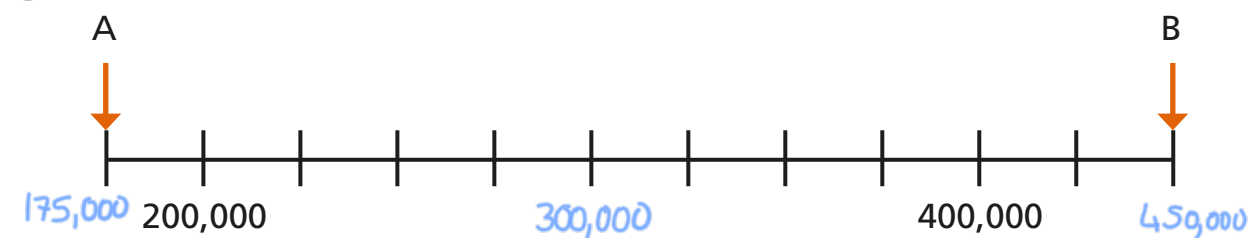
c) What is the total of all the players' scores?

$$\begin{array}{r}
 2149 \\
 880 \overline{) 262650} \\
 \underline{880} \\
 262650 \\
 \underline{262650} \\
 0
 \end{array}$$

3	5	0	2	5	0														
1	7	5	9	0	0														
	9	9	7	5	0														
+	8	7	6	0	0														
	7	1	3	5	0	0													
	3	2	2	1															

713,500

6



The difference between A and B is 275,000

7

1 3 5 7 9 0

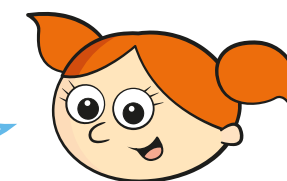
Use each digit card once to complete the calculation.

9 7 5 - 3 1 0 = 665 (various answers)

Try different combinations of digits to get an answer that is as close to 500 as possible.

8

I am thinking of a number. I add 200,000, then subtract half a million, then add a quarter of a million. Then I round to the nearest 10, which is two million and fifty.



What number could Alex have been thinking of to start with?

$$\begin{array}{ccccccc} \rightarrow +200,000 & \rightarrow & -500,000 & \rightarrow & +250,000 & \rightarrow & 2,000,045 \\ & \underbrace{\hspace{10em}}_{-50,000} & & & & & -2,000,054 \end{array}$$

Alex could have been thinking of $\begin{array}{r} 2,050,045 \\ - 2,050,054 \end{array}$