

Activity 2.4

November 18, 2013

Find the sum or difference.

8. $21 + 7 = \underline{\quad}$

9. $94 + 0 = \underline{\quad}$

10. $104 + 142 = \underline{\quad}$

11. $1147 + 234 = \underline{\quad}$

12. $19 - 18 = \underline{\quad}$

13. $39 - 29 = \underline{\quad}$

14. $72 - 49 = \underline{\quad}$

15. $1035 - 246 = \underline{\quad}$

16. $941 - 0 = \underline{\quad}$

17. $12 + 5 + 8 = \underline{\quad}$

18. $31 + 1 + 1 = \underline{\quad}$

19. $123 + 41 + 18 = \underline{\quad}$

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Essential Question

How can you add and subtract decimals?

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LessonTarget

Students will:

- explore adding and subtracting decimals with base-ten pieces.

Self-Evaluation Rubric

Score	Description
4	I can teach other students how to use a formal rule to add and subtract decimals.
3	I can use a formal rule to add and subtract decimals.
2	I recognize a formal rule to add and subtract decimals. .
1	I do not know how to use a formal rule to add and subtract decimals.

Base-TenBlocks

Activity 1

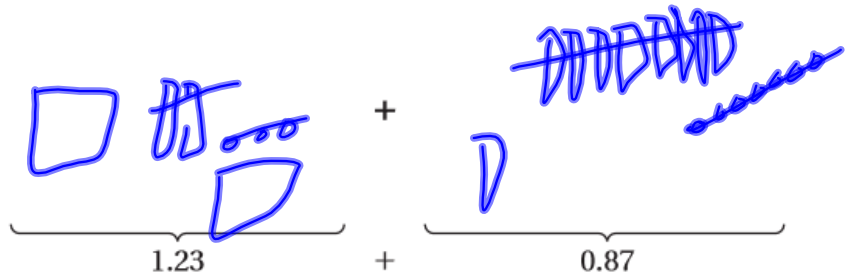
With a partner, complete Activity 1 on page 43 in your Big Ideas Record and Practice Journal.

1 ACTIVITY: Modeling a Sum

Work with a partner. Use base ten blocks to find the sum.

a. $1.23 + 0.87$

Which base ten blocks do you need to model the numbers in the sum? How many of each do you need?



How many of each base ten block do you have when you combine the blocks?

1 ones 10 tenths 10 hundredths

How many of each base ten block do you have when you trade the blocks?

2 ones 1 tenths 0 hundredths

So, $1.23 + 0.87 = 2.1$

b. $1.25 + 1.35$

c. $2.14 + 0.92$

d. $0.73 + 0.86$

Hand-drawn diagrams and place value charts for problems b, c, and d.

Problem b: Diagram shows two large squares and five rods. Place value chart:

1		
2	5	0

Problem c: Diagram shows two large squares, one rod, and four rods. Place value chart:

1		
3	0	6

Problem d: Diagram shows seven rods and six rods. Place value chart:

1		
0	15	9
1	5	9

HW
in text (online)
Pg 83
36-40