

Varied Fluency

Step 6: Subtract Same Decimal Places

National Curriculum Objectives:

Mathematics Year 5: (5F10) [Solve problems involving numbers up to three decimal places](#)

Mathematics Year 5: (5M9a) [Use all four operations to solve problems involving measure \(for example length, mass, volume, money\) using decimal notation including scaling](#)

Differentiation:

Developing Questions to support subtracting numbers with up to two decimal places; no exchanges.

Expected Questions to support subtracting numbers with up to two decimal places; with single exchanges.

Greater Depth Questions to support subtracting numbers with up to two decimal places; with multiple exchanges.

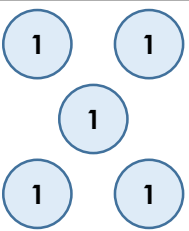
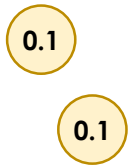

More [Year 5 Decimals](#) resources.

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Subtract Same Decimal Places

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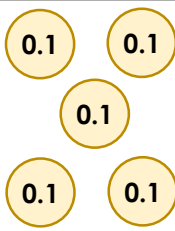

1a. Use the place value chart to solve $5.24 - 2.11$

Ones	Tenths	Hundredths
		



VF

1b. Use the place value chart to solve $3.51 - 1.31$

Ones	Tenths	Hundredths
		



VF

2a. Use the column method to complete the bar model.

6.24	
?	2.13



VF

2b. Use the column method to complete the bar model.

9.3	
?	2.1



VF

3a. Use the column method to find the difference between the following:

8.16 and 3.11

7.24 and 3.13



VF

3b. Use the column method to find the difference between the following:

9.6 and 1.4

7.42 and 4.01



VF

4a. What number is 1.62 less than 8.93?



VF

4b. What number is 2.55 less than 9.59?



VF

5a. Karam has 3.5m of ribbon. She uses 1.1m for a garland. How much ribbon does she have left?



VF

5b. Kerry has £6.70 in his pocket. He spends £3.10 on a football sticker album. How much does he have left?



VF

Subtract Same Decimal Places

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6a. Use the place value chart to solve
 $3.24 - 2.15$

Ones	Tenths	Hundredths
1 1 1	0.1 0.1	0.01 0.01 0.01 0.01



VF

6b. Use the place value chart to solve
 $6.45 - 4.53$

Ones	Tenths	Hundredths
1 1 1 1 1 1	0.1 0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01



VF

7a. Use the column method to complete the bar model.

7.68	
?	2.74



VF

7b. Use the column method to complete the bar model.

9.08	
?	7.51



VF

8a. Use the column method to find the difference between the following:

4.15 and 2.83

15.3 and 13.4



VF

8b. Use the column method to find the difference between the following:

16.2 and 13.4

9.29 and 7.36



VF

9a. What number is 2.18 less than 5.37?



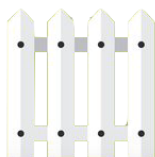
VF

9b. What number is 5.67 less than 7.81?



VF

10a. Teddy had 4.75m of wood for his fence. He used 2.19m. How much wood does he have left?



VF

10b. Rachel had £12.72 in her piggy bank. She spent £10.14 at the shops. How much does she have left?



VF

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11a. Use the place value chart to solve $6.25 - 1.87$

Ones	Tenths	Hundredths
1 1 1 1 1 1	0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01



VF

11b. Use the place value chart to solve $3.03 - 1.16$

Ones	Tenths	Hundredths
1 1 1		0.01 0.01 0.01 0.01 0.01 0.01



VF

12a. Use the column method to complete the bar model.

3.16	
?	2.19



VF

12b. Use the column method to complete the bar model.

8.05	
?	2.26



VF

13a. Use the column method to find the difference between the following:

3.16 and 1.98

10.02 and 3.85



VF

13b. Use the column method to find the difference between the following:

20.4 and 19.9

9.61 and 2.92



VF

14a. What number is 3.96 less than 8.02?



VF

14b. What number is 2.59 less than 7.48?



VF

15a. The distance between Sofia's house and the cinema is 3.42km. She walks for 1.86km then has a rest. How far does she have left to walk?



VF

15b. Dominic pours 0.55L of apple juice into a jug and then adds some mango juice. If the total amount in the jug is 1.23L, how much mango juice has he used?



VF

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Developing

- 1a. 3.13
2a. 4.11
3a. 5.05; 4.11
4a. 7.31
5a. 2.4m

Expected

- 6a. 1.09
7a. 4.94
8a. 1.32; 1.9
9a. 3.19
10a. 2.56m

Greater Depth

- 11a. 4.38
12a. 0.97
13a. 1.18; 6.17
14a. 4.06
15a. 1.56km

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Developing

- 1b. 2.2(0)
2b. 7.2
3b. 8.2; 3.41
4b. 7.04
5b. £3.60

Expected

- 6b. 1.92
7b. 1.57
8b. 2.8; 1.93
9b. 2.14
10b. £2.58

Greater Depth

- 11b. 1.87
12b. 5.79
13b. 0.5; 6.69
14b. 4.89
15b. 0.68L