Varied Fluency
Step 1: Add and Subtract Multiples of 100

National Curriculum Objectives:

Mathematics Year 3: (3C1) Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three digit number and hundreds

Differentiation:

Developing Questions to support adding and subtracting multiples of 100 up to 1,000. Use of concrete manipulatives only; questions represented using Base 10.
Expected Questions to support adding and subtracting multiples of 100 up to 1,000. Using a variety of manipulatives. Numbers presented as numerals and some words.
Greater Depth Questions to support adding and subtracting multiples of 100 up to 1,000. No images given for support. Numbers presented as numerals or words.

More Year 2 and Year 3 Addition and Subtraction resources

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Add and Subtract Multiples of 100

1a. Solve these equations. Write your answers in numbers.

A.

B.

3 VF

2a. Use the part whole model to write a subtraction.

3 VF

3a. Use the correct symbols to complete the equations.

A.

B.

3 VF

4a. True or false?

3 VF

Add and Subtract Multiples of 100

1b. Solve these equations. Write your answers in numbers.

A.

B.

3 VF

2b. Use the part whole model to write a subtraction.

3 VF

3b. Use the correct symbols to complete the equations.

A.

B.

3 VF

4b. True or false?

3 VF

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Add and Subtract Multiples of 100

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5a. Solve these equations. Write your answers in numbers.

A. three hundreds + 100 100 100 100 100 100 = ☐

B. ☐ = ▭ ▭ ▭ ▭ ▭ − 100

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5b. Solve these equations. Write your answers in numbers.

A. two hundreds + ▭ ▭ ▭ = ☐

B. ☐ = 100 100 100 100 − 200

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6a. Use the part whole model to write a subtraction.

100 100 100 100 100 100 100 100 → ? , 400

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6b. Use the part whole model to write a subtraction.

▭ ▭ ▭ ▭ → one hundred , ?

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7a. Use the correct symbols to complete the equations.

A. ▭ ▭ ▭ ☐ four hundreds = ▭ ▭

B. 100 = 100 100 100 ☐ 100 100

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7b. Use the correct symbols to complete the equations.

A. 100 100 100 100 100 = 100 ☐ 100 100 100 100

B. 600 ☐ ▭ ▭ ▭ = ▭ ▭

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8a. True or false?

100 + ▭ ▭ ▭ ▭ ▭ ▭ = ▭ ▭ ▭ ▭ ▭ ▭ + ▭ ▭

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8b. True or false?

100 100 100 100 100 100 − two hundreds = 100 100 + 100 100

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Add and Subtract Multiples of 100

9a. Solve these equations. Write your answers in numbers.

A. 700 – 400 = ☐

B. ☐ = three hundreds + six hundreds

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Add and Subtract Multiples of 100

9b. Solve these equations. Write your answers in numbers.

A. 500 + 200 = ☐

B. ☐ = eight hundreds – six hundreds

3 VF

10a. Use the part whole model to write a subtraction.

3 VF

10b. Use the part whole model to write a subtraction.

3 VF

11a. Use the correct symbols to complete the equations.

A. nine hundreds = six hundreds ☐ three hundreds

B. 1,000 ☐ 300 = 700

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11b. Use the correct symbols to complete the equations.

A. 600 = 800 ☐ 200

B. three hundreds ☐ three hundreds = six hundreds

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12a. True or false?

600 + 200 = 500 + 300

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12b. True or false?

three hundreds – one hundred > six hundreds – four hundreds

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Developing

1a. A: 200, B: 700
2a. 300 – 200 = 100 or 100 = 300 – 200
3a. A: –, B: +
4a. True because both calculations = 400

Expected

5a. A: 900, B: 400
6a. 800 – 400 = 400 or 400 = 800 – 400
7a. A: –, B: –
8a. False. The symbol should be >

Greater Depth

9a. A: 300, B: 900
10a. 600 – 500 = 100 or 100 = 600 – 500
11a. A: +, B: –
12a. True because both calculations = 800

Varied Fluency
Add and Subtract Multiples of 100

Developing

1b. A: 300, B: 600
2b. 200 – 100 = 100 or 100 = 200 – 100
3b. A: –, B: –
4b. False. The symbol should be >

Expected

5b. A: 500, B: 200
6b. 400 – 100 = 300 or 300 = 400 – 100
7b. A: +, B: –
8b. True because both calculations = 400

Greater Depth

9b. A: 700, B: 200
10b. One thousand – five hundreds = five hundreds or five hundreds = one thousand – five hundreds
11b. A: –, B: +
12b. False. The symbol should be =

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