

Varied Fluency

Step 9: Estimate Answers

National Curriculum Objectives:

Mathematics Year 4: (4C2) [Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate](#)

Mathematics Year 4: (4C3) [Estimate and use inverse operations to check answers to a calculation](#)

Differentiation:

Developing Questions to support estimating using rounding to the nearest 10 or 100. Includes numbers up to 1,000.

Expected Questions to support estimating using rounding to the nearest 10, 100 or 1,000. Includes numbers up to 10,000.

Greater Depth Questions to support estimating using rounding to the nearest 10, 100 or 1,000. Includes numbers up to and beyond 10,000.

More [Year 4 Addition and Subtraction](#) resources.

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

Estimate Answers

1a. Round the numbers below to the nearest 10.

49	789	491	98
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VF

2a. Which number sentence below does not match the estimate in the box?

$$318 - 143$$

$$230 - 169$$

$$309 - 80$$

$$300 - 100$$



VF

3a. Estimate the answer for this calculation. Show your working.

$$917 + 19$$



VF

4a. Which calculation gives the best estimate for $589 + 408$?

$$580 + 410$$

$$500 + 410$$

$$590 + 410$$



VF

5a. Which estimate is the best solution to the calculation below?

Remember to be quick!

$$307 + 518 =$$

800

850

750



VF

Estimate Answers

1b. Round the numbers below to the nearest 100.

195	208	969	57
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VF

2b. Which number sentence below does not match the estimate in the box?

$$678 + 434$$

$$739 + 369$$

$$752 + 349$$

$$700 + 400$$



VF

3b. Estimate the answer for this calculation. Show your working.

$$731 - 280$$



VF

4b. Which calculation gives the best estimate for $273 - 128$?

$$300 - 100$$

$$270 - 130$$

$$200 - 100$$



VF

5b. Which estimate is the best solution to the calculation below?

Remember to be quick!

$$93 - 48 =$$

50

40

30



VF

Estimate Answers

Estimate Answers

6a. Round the numbers below to the nearest 100.

859

248

5,890

4,737



VF

6b. Round the numbers below to the nearest 1,000.

7,509

4,198

9,600

737



VF

7a. Which number sentence below does not match the estimate in the box?

$$6,707 - 3,499$$

$$7,498 - 2,901$$

$$7,600 - 2,099$$

$$7,000 - 3,000$$



VF

7b. Which number sentence below does not match the estimate in the box?

$$3,618 + 1,543$$

$$3,598 + 1,469$$

$$3,690 + 2,580$$

$$3,600 + 1,500$$



VF

8a. Estimate the answer for this calculation. Show your working.

$$3,197 + 4,528$$



VF

8b. Estimate the answer for this calculation. Show your working.

$$7,077 + 2,318$$



VF

9a. Which calculation gives the best estimate for $2,508 + 6,428$?

$$2,500 + 6,400$$

$$3,000 + 7,000$$

$$3,500 + 6,400$$



VF

9b. Which calculation gives the best estimate for $5,088 + 3,298$?

$$5,000 + 3,300$$

$$6,000 + 3,000$$

$$5,100 + 3,300$$



VF

10a. Which estimate is the best solution to the calculation below?

Remember to be quick!

$$3,206 + 2,790 =$$

5,000

5,500

6,000

6,500



VF

10b. Which estimate is the best solution to the calculation below?

Remember to be quick!

$$1,990 + 7,251 =$$

8,000

8,500

9,000

9,500



VF

Estimate Answers

11a. Round the numbers below to the nearest 1,000.

10,289	16,418	18,170	20,737
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VF

12a. Which number sentence below does not match the estimate in the box?

$$11,067 + 32,543$$

$$10,408 + 32,469$$

$$11,398 + 32,545$$

$11,000 + 32,500$



VF

13a. Estimate the answer for this calculation. Show your working.

$$40,517 - 38,812$$



VF

14a. Which calculation gives the best estimate for $63,487 - 12,734$?

$$64,000 - 12,000$$

$$63,000 - 12,000$$

$$63,500 - 12,700$$



VF

15a. Which estimate is the best solution to the calculation below?

Remember to be quick!

$$81,397 + 16,890 =$$

97,000

96,000

98,000

97,400



VF

Estimate Answers

11b. Round the numbers below to the nearest 100.

10,199	3,080	42,650	57
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VF

12b. Which number sentence below does not match the estimate in the box?

$$26,018 - 12,433$$

$$25,800 - 12,669$$

$$26,405 - 11,580$$

$26,000 - 12,000$



VF

13b. Estimate the answer for this calculation. Show your working.

$$13,717 + 32,082$$



VF

14b. Which calculation gives the best estimate for $45,281 + 14,728$?

$$45,500 + 14,000$$

$$44,000 + 14,500$$

$$45,300 + 14,700$$



VF

15b. Which estimate is the best solution to the calculation below?

Remember to be quick!

$$44,077 + 978 =$$

44,000

44,900

45,000

45,500



VF

Varied Fluency Estimate Answers

Developing

- 1a. 50; 790; 490; 100
2a. $230 - 169$
3a. $920 + 20 = 940$
4a. $590 + 410$
5a. 800

Expected

- 6a. 900; 200; 5,900; 4,700
7a. $7,600 - 2,099$
8a. Various answers, for example: $3,200 + 4,530 = 7,730$; $3,200 + 4,500 = 7,700$ or $3,000 + 5,000 = 8,000$
9a. $2,500 + 6,400$
10a. 6,000

Greater Depth

- 11a. 10,000; 16,000; 18,000; 21,000
12a. $10,408 + 32,469$
13a. Various answers, for example: $41,000 - 39,000 = 2,000$; $40,500 - 38,800 = 1,700$ or $40,520 - 38,810 = 1,710$
14a. $63,500 - 12,700$
15a. 98,000

Varied Fluency Estimate Answers

Developing

- 1b. 200; 200; 1,000; 100
2b. $752 + 349$
3b. $730 - 280 = 450$ or $700 - 300 = 400$
4b. $270 - 130$
5b. 40

Expected

- 6b. 8,000; 4,000; 10,000; 1,000
7b. $3,690 + 2,580$
8b. Various answers, for example: $7,080 + 2,320 = 9,400$; $7,100 + 2,300 = 9,400$ or $7,000 + 2,000 = 9,000$
9b. $5,100 + 3,300$
10b. 9,000

Greater Depth

- 11b. 10,200; 3,100; 42,700; 100
12b. $25,800 - 12,669$
13b. Various answers, for example: $13,700 + 32,100 = 45,800$; $13,720 + 32,080 = 45,800$ or $14,000 + 32,000 = 46,000$
14b. $45,300 + 14,700$
15b. 45,000