

Estimate Answers

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1a. Which calculation is the odd one out?

A.

H	T	O
400	100	10

 +

H	T	O
100	10	1

B.

H	T	O
400	100	10

 +

H	T	O
100	10	1

C.

H	T	O
400	100	10

 +

H	T	O
100	10	1

Explain how you know.



1b. Which calculation is the odd one out?

A.

H	T	O
400	100	10

 +

H	T	O
100	10	1

B.

H	T	O
400	100	10

 +

H	T	O
100	10	1

C.

H	T	O
400	100	10

 +

H	T	O
100	10	1

Explain how you know.



2a. Evie and Dominic are estimating the answer to $308 + 188$

Evie: It's about 500

Dominic: It's about 400

H	T	O
300	100	10

Who makes the most sensible estimate? Explain your choice.



2b. Max and Heena are estimating the answer to $253 + 346$

Max: It's about 500

Heena: It's about 600

H	T	O
200	100	10

Who makes the most sensible estimate? Explain your choice.



3a. The total number of residents in two blocks of flats is 939. Georgia is calculating the amount of residents in Block B.

Block A has 823 residents

H	T	O
900	30	9

Estimate the number of residents in Block B by rounding to the nearest 10



3b. The total number of people in two hotels is 786. Tommy is calculating the amount of people in Hotel B.

Hotel A has 452 residents

H	T	O
700	80	6

Estimate the missing number of people in Hotel B by rounding to the nearest 10



4a. Which calculation is the odd one out.

A. $4,293 + 3,526$

B. $2,814 + 5,005$

C. $6,325 + 1,496$

Explain how you know.



4b. Which calculation is the odd one out.

A. $6,893 - 3,539$

B. $4,189 - 824$

C. $8,625 - 5,275$

Explain how you know.



5a. Theo and Jenny are estimating the answer to $3,678 + 1,982$

Theo: It's about 4,000

Jenny: It's about 5,700

Who makes the most sensible estimate? Explain your choice.



5b. Beth and Adam are estimating the answer to $9,354 - 5,877$

Beth: It's about 4,000

Adam: It's about 3,500

Who makes the most sensible estimate? Explain your choice.



6a. The total workers in two offices is 9,283. Molly is calculating the amount of workers in Office B.

Office A has 6,139 workers.

Estimate the number of workers in Office B by rounding to the nearest 10 and the nearest 100



6b. The total of patients in a hospital is 8,191. Ted is calculating the amount of patients in Hospital B.

Hospital A has 4,973 workers.

Estimate the numbers of patients in Hospital B by rounding to the nearest 10 and the nearest 100



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Reasoning and Problem Solving – Estimate Answers – Year 4 Developing

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7a. Which calculation is the odd one out.

A. six thousand, eight hundred and seventy-one add one thousand, five hundred and ninety-three

B. six thousand, three hundred and twenty-nine add two thousand, one hundred and thirty-three

C. four thousand, nine hundred and forty-two add three thousand five hundred and twenty-six

Explain how you know.



7b. Which calculation is the odd one out.

A. one thousand, eight hundred and seventy-five add four thousand, six hundred and forty-seven

B. three thousand, two hundred and twelve add three thousand, three hundred and nineteen

C. four thousand, four hundred and forty-four add two thousand one hundred and ninety-five

Explain how you know.



8a. Charlie and Freya are estimating the answer to five thousand, eight hundred add one thousand, two hundred and thirty-four

Charlie: It's similar to $6,000 + 1,000$

Freya: It's similar to $5,000 + 1,200$

Who makes the most sensible estimate? Explain your choice.



8b. James and Morgan are estimating the answer to four thousand, eight hundred and nine add three thousand, two hundred and seventy-six

James: It's similar to $5,000 + 3,000$

Morgan: It's similar to $6,000 + 3,400$

Who makes the most sensible estimate? Explain your choice.



9a. The total workers in two factories is nine thousand, two hundred and seventy-five. Paul is calculating the amount of workers in Factory B.

Workers in Factory A

4,000 operators
1,800 mechanics
110 managers
9 directors

Estimate the number of workers in Factory B by rounding to the nearest 100 and the nearest 1,000



9b. The total workers in two power plants is six thousand, one hundred and ninety-three. Sam is calculating the amount of workers in Power Plant B.

Workers in Power Plant A

2,000 technicians
1,700 engineers
150 inspectors
3 managers

Estimate the number of workers in Power Plant B by rounding to the nearest 100 and the nearest 1,000



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Reasoning and Problem Solving – Estimate Answers – Year 4 Greater Depth

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