MY Homework

Lesson 2

Estimate Sums and Differences

Homework Helper

eHelp

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The results of a recent skateboard competition are shown. About how many more points did Steamer have than Dal Santo?

Athlete	Points
Elissa Steamer	87.83
Marisa Dal Santo	81.50
Amy Caron	80.00

Round each decimal to the nearest ten. Then subtract.

Steamer ⟶ 87.83 ⟶ 90
Dal Santo ⟶ 81.50 ⟶ − 80
____
10

So, Steamer scored about 10 more points than Dal Santo.

Practice

Round each decimal to the nearest one. Then add or subtract.

1. $3.85
      − $2.17

2. 52.85
      − 9.09

3. 19.83
      + 9.93

4. 3.872 + 2.409 = _____

5. 9.086 − 2.419 = _____

Problem Solving

Solve Exercises 6–9 by rounding to the nearest one.

6. The table shows the average speeds of two airplanes in miles per hour. About how much faster is the Foxbat than the Hawkeye? Show your work.

Plane	Speed (mph)
Hawkeye	375.52
Foxbat	1,864.29

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7. Aluminum and tin are both metals. The standard atomic weight for aluminum is 26.98. The standard atomic weight for tin is 118.71. Estimate the difference between the standard atomic weights of these two metals. Show your work.

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8. Lorena and her cousin are fishing at the lake. They caught two largemouth bass. One fish weighs 71.27 ounces and the other fish weighs 38.86 ounces. Estimate the total weight of the two fish. Show your work.

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9. **Mathematical PRACTICE 4** **Model Math** The table shows the lengths of four trails at a horseback riding camp. Estimate the total length of all the trails. Show your work.

Trail	A	B	C	D
Length (mi)	2.6	1.8	4.2	3.3

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Test Practice

10. Mr. Dixon bought a whiteboard that was on sale for $1,989.99. The regular price was $2,499.89. Which is the best estimate of the amount of money Mr. Dixon saved by buying the whiteboard on sale?

Ⓐ $500   Ⓒ $3,000

Ⓑ $1,000   Ⓓ $4,000

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