

Estimating Sums and Differences

Fill in the blanks to complete the estimate.

1. $4.36 - 2.971 =$ 2. $9.384 + 7.713 =$ 3. $8.81 + 2.78 =$
 _____ - 3 = _____ 9 + _____ = _____ 8.8 + _____ = _____

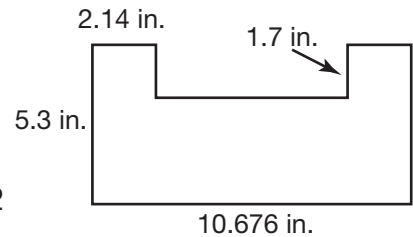
Round each number to the nearest whole number to estimate the answer.

4. $15.63 - 8.497$ _____ 5. $3.504 + 7.118$ _____ 6. $13.09 - 10.902$ _____
 7. $14.52 + 11.118$ _____ 8. $9.573 - 4.817$ _____ 9. $22.174 + 18.561$ _____
 10. $37.624 - 14.826$ _____ 11. $15.938 + 7.627$ _____ 12. $19.394 - 6.943$ _____

Round each number to the nearest tenth to estimate the answer.

13. $7.349 + 8.192$ _____ 14. $14.087 - 5.418$ _____ 15. $8.991 + 3.475$ _____
 16. $25.183 - 13.984$ _____ 17. $11.004 + 5.391$ _____ 18. $31.038 - 12.861$ _____

19. **Geometry** Estimate the perimeter of the figure to the nearest whole number. _____



20. Four runners ran the relay. Bill ran his lap in 22.738 seconds, Tory ran in 21.874 seconds, Grace ran in 20.32 seconds, and Jessica ran in 19.047 seconds. Estimate the team's total time to the nearest tenth of a second.

21. LuWanda bought a jar of mustard, a half-gallon of ice cream, and two boxes of popcorn. She gave the clerk a \$20 bill. Estimate how many dollars she received in change.

On Sale Today	
Mustard	\$1.58
Ice cream . . .	\$3.27
Popcorn	\$2.19

- A** \$4 **B** \$9 **C** \$11 **D** \$14

22. **Writing to Explain** The digit 5 is usually rounded up, but it can also be rounded down. How would you round the numbers in the equation $9.5 + 4.7 + 3.2 + 7.5 = x$ to the nearest whole number without getting an overestimate or an underestimate?
