

Homework

Round to the nearest whole number.

1. 8.36 _____

2. 18.7 _____

3. 9.831 _____

Round to the nearest tenth.

4. 24.316 _____

5. 5.28 _____

6. 23.017 _____

Round to the nearest hundredth.

7. 58.635 _____

8. 7.214 _____

9. 210.097 _____

Estimate each sum or difference.

10. $\$46.78 - \18.55 _____

11. $12.3 + 4.7$ _____

12. $9.586 + 3.097$ _____

Solve.

Show your work.

13. A decimal number changed to 23.7 after it was rounded.

Give a decimal number that is less than 23.7 and another that is greater than 23.7 that each round to 23.7. Explain to what place each number was rounded.

14. When Marla rounded 19.95 to the nearest tenth, she found the number changed to 20. Is this correct? Explain.

15. Peter decided that the total cost for a \$24.55 pair of jeans and a \$12.25 shirt was \$26.80. Was Peter's answer reasonable? Explain why or why not.

16. Biruk wants to buy a book for \$15.25 and a book for \$4.85. He wants to pay with one \$20 bill. Use estimation to decide if this is reasonable. Explain to what place value to round for an estimate that is useful in this situation.

Remembering**Solve.***Show your work.*

1. Matt pours $3\frac{2}{3}$ cups of orange juice into a measuring cup from a large container. Then he pours $1\frac{1}{4}$ cups back into the container. How much orange juice remains in the measuring cup?
- _____

2. The school cafeteria manager orders $7\frac{3}{8}$ pounds of red onions and $10\frac{1}{2}$ pounds of yellow onions. How many pounds of onions did the manager order in all?
- _____

Subtract.

$$\begin{array}{r} 3. \quad 21,445 \\ - 3,548 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 980.3 \\ - 525.35 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 774.12 \\ - 248.8 \\ \hline \end{array}$$

Use the Distributive Property to rewrite each problem so it has only two factors. Then solve.

6. $(5 \times 600) + (5 \times 400) =$ _____

7. $(15 \times 6) + (85 \times 6) =$ _____

8. **Stretch Your Thinking** Name three decimals between 16.4 and 16.5. Draw a number line estimating the placement of all five decimals.
- _____