

**Homework**

Solve each problem.

*Show your work.*

1. After a deposit of \$100, a withdrawal of \$125, and a deposit of \$24, the balance in a savings account was \$27.28. What was the balance ( $b$ ) before the deposits and withdrawal?
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2. The charge for a plumbing repair was \$29.60 for parts,  $1\frac{1}{4}$  hours for labor at \$56 per hour, and a \$40 for the service call. What was the total cost ( $c$ ) of the repair?
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3. Ebi, Jose, Derell, and Asami measured their heights. Ebi's height was 2.5 cm greater than Jose's height. Jose's height was 3.1 cm greater than Derell's height. Derell's height was 0.4 cm less than Asami's height. Ebi is 162.5 cm tall. How tall ( $t$ ) is Asami?
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4. A school bus has 22 rows of seats, and 4 students can be seated in each row. Students riding in the bus have filled 19 rows of seats, and  $\frac{1}{2}$  of the remaining seats. How many seats on the bus are empty ( $e$ )?
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5. Rosa is 13 years and 6 months old and her brother Malcolm is 11 years and 6 months old. Their great grandfather is 89 years old. How many years ( $y$ ) older is the great grandfather than the combined ages of Rosa and Malcolm?
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6. A riverfront business offers raft trips. The capacity of each raft is 4 people. Suppose 29 adults and 22 children would like to raft. If each raft is filled to capacity, how many people ( $p$ ) will be aboard the last raft?
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## Remembering

Solve.

$$\begin{array}{r} 1. \quad 500 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 500 \\ \times 50 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 900 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 30 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 200 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 300 \\ \times 80 \\ \hline \end{array}$$

Complete each division. Check your answer.

$$7. \quad 7 \overline{)3,451}$$

$$8. \quad 4 \overline{)2,155}$$

$$9. \quad 8 \overline{)4,122}$$

$$10. \quad 5 \overline{)1,242}$$

$$11. \quad 3 \overline{)2,114}$$

$$12. \quad 9 \overline{)5,778}$$

Write and solve an equation to solve the problem. If the problem does not have enough information, write the information that is needed to solve the problem.

13. Danny has \$14.75, Jason has \$22.10, and Trey has \$87.45. How much more money ( $m$ ) does Trey have than the combined amounts of the other two boys?

*Show your work.*

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14. **Stretch Your Thinking** Write a multistep word problem in which the remainder is the solution. Write an equation that will solve it.

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