

Homework**Solve each problem.***Show your work.*

1. A savings account balance was \$135.10 before a withdrawal of \$60, a deposit of \$22.50, and a withdrawal of \$45. What was the balance (b) after the withdrawals and deposit?

2. The charge for a bicycle repair was \$9.28 for parts, $\frac{1}{4}$ hour of labor at \$18 per hour, and a \$2 shop fee. What was the total cost (c) of the repair?

3. While shopping at the school bookstore, Ric purchased 4 book covers for \$1.25 each, and a pen that cost $\frac{2}{5}$ as much as a book cover. What amount of change (c) did Ric receive if he paid for his purchase with a \$10 bill?

4. A junior baseball team plays 16 games each summer. Last summer the team scored an average of 3.25 runs per game during the first half of the season. The team scored a total of 29 runs during the second half of the season. How many runs (r) were scored by the team last season?

5. Four family members compared their ages. Terell is 3 years younger than Danny. Danny is 1 year younger than Pablo. Pablo's age is $\frac{1}{3}$ Shaniqua's age. How old is Terell (t) if Shaniqua is 36 years old?

6. Twenty-four soccer players, four coaches, and one equipment manager are traveling to a game in minivans. The capacity each minivan is 6 people. How many people (p) are riding in the last minivan if the other minivans are filled to capacity?

Remembering

Multiply.

1.
$$\begin{array}{r} 495 \\ \times 7 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 126 \\ \times 6 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 2,689 \\ \times 3 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 3,249 \\ \times 8 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 78 \\ \times 21 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 68 \\ \times 55 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 41 \\ \times 33 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 92 \\ \times 89 \\ \hline \end{array}$$

Divide.

9. $0.7 \overline{)49}$

10. $0.03 \overline{)18}$

11. $0.4 \overline{)0.8}$

12. $0.09 \overline{)27}$

13. $0.5 \overline{)172.5}$

14. $0.06 \overline{)8.4}$

Write an equation to solve the problem.

15. After a deposit of \$250, a withdrawal of \$312, and a deposit of \$15, the balance in a savings account is \$67.50. What was the balance (b) before the deposits and withdrawal?
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16. **Stretch Your Thinking** Write an equation that is represented by the following diagram.

