

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?
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- 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?
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- 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?
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- 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?
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- 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?
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- 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?
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Multiply.

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

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

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

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

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

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

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

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

Divide.

$$9 \quad 0.7 \overline{)49}$$

$$10 \quad 0.03 \overline{)18}$$

$$11 \quad 0.4 \overline{)0.8}$$

$$12 \quad 0.09 \overline{)27}$$

$$13 \quad 0.5 \overline{)172.5}$$

$$14 \quad 0.06 \overline{)8.4}$$

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?

- 16 **Stretch Your Thinking** Write an equation that is represented by the following diagram.


