

Challenge**Subtract to Solve**

Write the subtraction to solve. Use any method.

Check by adding.

1. The gardener has 43 trees.

He plants 18 trees. How many trees does he have left to plant?

_____ trees

2. Dana has 71 beads for stringing.

She puts 49 beads onto a string. How many beads are left?

_____ beads

3. Ryan has 38 toy trains.

He has 9 blue trains. How many trains are not blue?

_____ trains

4. How do you know your answers are correct?

5. **You Decide** Joey solves this problem:

$42 - 19 = 33$. Is his answer correct? Explain.

Challenge

Subtract to Solve

Write the subtraction to solve. Use any method.

Check by adding. **Methods may vary. Check children's work.**
Sample methods shown.

1. The gardener has 43 trees.

He plants 18 trees. How many trees does he have left to plant?

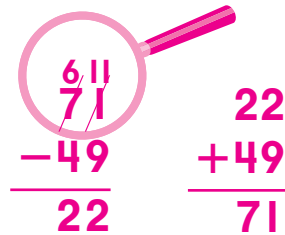
25 trees

$$\begin{array}{r} 43 = \overset{30}{\cancel{40}} + \overset{13}{\cancel{3}} \\ - 18 = \underline{10 + 8} \\ 20 + 5 = 25 \end{array}$$

$$\begin{array}{r} 25 = 20 + 5 \\ + 18 = \underline{10 + 8} \\ 30 + 13 = 43 \end{array}$$

2. Dana has 71 beads for stringing.
She puts 49 beads onto a string.
How many beads are left?

22 beads



$$\begin{array}{r} \overset{6, 11}{\cancel{71}} \\ - 49 \\ \hline 22 \end{array} \qquad \begin{array}{r} 22 \\ + 49 \\ \hline 71 \end{array}$$

3. Ryan has 38 toy trains.
He has 9 blue trains. How many trains are not blue?

29 trains

$$\begin{array}{r} 38 = \overset{20}{\cancel{30}} + \overset{18}{\cancel{8}} \\ - 9 = \underline{\quad 9} \\ 20 + 9 = 29 \end{array} \qquad \begin{array}{r} 29 \\ + 9 \\ \hline 38 \end{array}$$

4. How do you know your answers are correct?

Answers may vary. Possible answer: When I add the difference to the number I subtracted, I get the first number as my total.

5. **You Decide** Joey solves this problem:
 $42 - 19 = 33$. Is his answer correct? Explain.

Possible answer: No, Joey forgot to ungroup.

The correct answer is 23.