

My Answer

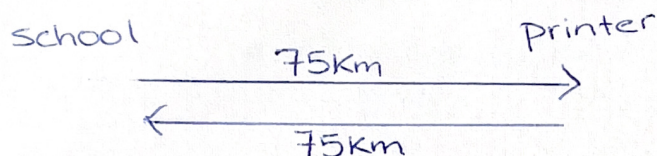
Remember to explain all your steps in words and show all your calculations. Do not use a calculator. If you need an extra sheet, please staple it to this sheet.

Printer charges \$35 to deliver.

Parent : Lunch = \$10.50
 Distance to printer's = 75km
 Gas : 8L gives you 100km
 1L of gas costs \$1.38

What I know.

Solution for parent's costs.



There and back
 = 75km x 2
 = 150km.

If 8L of gas takes you 100km, } 150km. So, parent needs
 Then 4L of gas takes you 50km }
 (8+4) = 12L of gas.

$$\begin{array}{r} \text{Gas costs } \$1.38 \\ \times 12 \\ \hline 276 \\ 1380 \\ \hline \$16.56 \end{array}$$

$$\begin{array}{r} \text{Parent's total cost is } \$16.56 \text{ gas} \\ + \$10.50 \text{ lunch} \\ \hline \$27.06 \end{array}$$

$$\begin{array}{r} \text{Printer's cost was } \$35, \\ \text{The difference is } \$35.00 \\ - 27.06 \\ \hline \$7.94 \end{array}$$

It is less expensive to choose:

The parent The printer

The parent is the less expensive choice because

* $\overset{\text{Printer}}{\$35} - \overset{\text{Parent}}{\$27.06} = \$7.94$. You save \$7.94 by choosing
 the parent.

* You must have a subtraction on the lines.