

M4.L29 - Decimals + Fractions w/ Division

AP

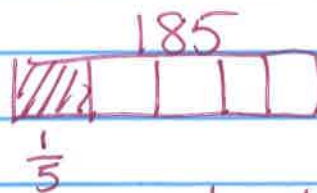
Marisol made \$101.75 profit.

Fernando

$$185 \times 1\frac{1}{2} = 185 \times \frac{3}{2} = \frac{185 \times 3}{2} = \frac{555}{2}$$

$$\begin{array}{r} 277.5 \\ 2 \overline{)555.0} \\ \underline{4} \\ 15 \\ \underline{-14} \\ 15 \\ \underline{14} \\ 10 \\ \underline{-10} \\ 0 \end{array}$$

$$= \$277.50 \text{ - sold}$$



$$\frac{1}{5} \text{ of } 185 = 37$$

Cost Marisol - \$37

$$\begin{array}{r} 185 \\ \times 3 \\ \hline 555 \\ 37 \\ \hline 5 \overline{)185} \\ \underline{15} \\ 35 \\ \underline{-35} \\ 0 \end{array}$$

$$\frac{1}{2} \text{ of } 277.5 = \frac{277.5}{2}$$

$$\begin{array}{r} 138.75 \\ 2 \overline{)277.50} \\ \underline{2} \\ 07 \\ \underline{-6} \\ 17 \\ \underline{-16} \\ 15 \\ \underline{-14} \\ 10 \\ \underline{-10} \\ 0 \end{array}$$

Marisol sold = \$138.75

$$\begin{array}{r} 138.75 \\ - 37.00 \\ \hline 101.75 \end{array}$$

M4-L29 - Fractions + Decimals w/ Decimals

$$7 \div 0.1 = 70$$

There are 10 tenths in 1 whole

$$\underline{7 \div \frac{1}{10} = 70}$$

There are 70 tenths in 7 wholes

$$7.4 \div 0.1 = 74$$

There are 70 tenths in 7 wholes

$$7.4 \div \frac{1}{10} = 74$$

There are 4 tenths in 4 tenths

$$\underline{74 \text{ tenths} \div 1 \text{ tenth} = 74}$$

There are 74 tenths in 7.4

$$7 \div 0.01 = 700$$

There are 100 hundredths in 1 whole

$$7 \div \frac{1}{100} = 700$$

There are 700 hundredths in 7 wholes

$$7.4 \div 0.01 = 740$$

$$7.49 \div 0.01 = 749$$

$$7.4 \div \frac{1}{100} = 740$$

$$7.49 \div \frac{1}{100} = 749$$

7.3 is equal to

$$7.3 \div \frac{1}{10} = 73 \text{ tenths}$$

$$7.3 \div \frac{1}{100} = 730 \text{ hundredths}$$