

Dividing Decimals:

$$13.75 \div 5.5$$

set up
division

$$5.5 \overline{)13.75}$$

move both
decimal points
until the
divisor is
an integer

$$5.5 \overline{)13.75} = 55 \overline{)137.5}$$

move up
decimal
point

$$55 \overline{)137.5}$$

usual
long division!

$$\begin{array}{r} 2.5 \\ 55 \overline{)137.5} \\ \underline{110} \\ 275 \end{array}$$