

## 4-5 Dividing Decimals by whole numbers

Quotient

Divisor ) Dividend

visor - wear  
outside

den - inside the  
house/cave

Does

Divide

M<sup>c</sup>Donald's

Multiply

Sell

Subtract

Cheese

Check

Burgers

Bring down

Start all  
over again

\* Find each quotient. (remainder of zero)  
(may have to add 1-3 zeros)

①  $29.8 \div 2$

" 29.8 divided BY 2"  
say good-bye to 2 so it's  
outside (divisor)

✓  
to see  
if #  
left  
over  
is less  
than  
divisor

$$\begin{array}{r} 14.9 \\ 2 \overline{) 29.8} \\ \underline{-2} \phantom{0} \phantom{0} \\ 09 \phantom{0} \\ \underline{-8} \phantom{0} \\ 18 \\ \underline{-18} \\ 0 \end{array}$$

1st Bring decimal straight  
up into quotient

\* there should be a # above  
each digit in dividend when  
finished

②  $8.58 \div 12$

$$\begin{array}{r} 0.715 \\ 12 \overline{) 8.580} \\ \underline{-84} \phantom{0} \\ 18 \phantom{0} \\ \underline{-12} \phantom{0} \\ 60 \\ \underline{-60} \\ 0 \end{array}$$

③  $2.49 \div 6$

$$\begin{array}{r} 0.415 \\ 6 \overline{) 2.490} \\ \underline{-24} \phantom{0} \\ 09 \phantom{0} \\ \underline{-6} \phantom{0} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

$$\textcircled{4} 110.4 \div 48$$

$$\begin{array}{r} 2 \phantom{00} \\ 48 \overline{) 110.4} \\ \underline{-96} \phantom{0} \\ 144 \\ \underline{-144} \\ 0 \end{array}$$

comptable #s

Think:

$$\begin{array}{r} 2 \\ 50 \overline{) 100} \\ 3 \\ 50 \overline{) 150} \end{array}$$

⑤  $146.2 \div 17$

$$\begin{array}{r} \overset{4}{8} \quad 008.6 \\ 17 \overline{) 146.2} \\ \underline{-136} \quad \downarrow \\ 102 \\ \underline{-102} \\ 0 \end{array}$$

Think:

$$\begin{array}{r} 7 \\ 20 \overline{) 140} \\ \hline 5 \\ 20 \overline{) 100} \end{array}$$

<sup>WB</sup> SG 4-5 (2,3,4,11)

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②

$$\begin{array}{r} 07.4 \\ 12 \overline{)88.8} \\ \underline{-84} \downarrow \\ 48 \\ \underline{-48} \\ 0 \end{array}$$

④

$$\begin{array}{r} 00.42 \\ 28 \overline{)11.76} \\ \underline{-11} \downarrow \\ 56 \\ \underline{-56} \\ 0 \end{array}$$

③

$$\begin{array}{r} 01.7 \\ 39 \overline{)66.3} \\ \underline{-39} \downarrow \\ 273 \\ \underline{-273} \\ 0 \end{array}$$

⑪

$$\begin{array}{r} 0.59 \\ 5 \overline{)295} \\ \underline{-25} \downarrow \\ 45 \\ \underline{-45} \\ 0 \end{array}$$