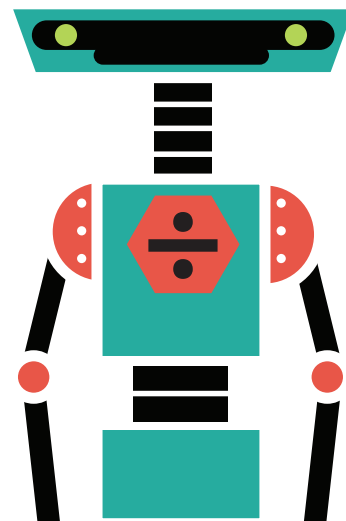


Division :

Repeated Subtraction

Review the diagram!

$$\begin{array}{ccc} \text{DIVIDEND} & & \text{QUOTIENT} \\ 15 \div 5 = & & 3 \\ & & \text{DIVISOR} \end{array}$$



How to perform repeated subtraction:

- Subtract the divisor from the dividend until you reach zero.
- Count up how many times you subtracted.
- The number of times you subtracted equals the quotient!

Directions: Match the repeated subtraction on the left with the correct division sentence on the right.

$21 \div 7$

$16 \div 8$

$16 \div 4$

$18 \div 6$

$20 \div 5$

$$\begin{array}{r} 20 \\ -5 \\ \hline 15 \end{array} \quad \begin{array}{r} 15 \\ -5 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 18 \\ -6 \\ \hline 12 \end{array} \quad \begin{array}{r} 12 \\ -6 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ -6 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 21 \\ -7 \\ \hline 14 \end{array} \quad \begin{array}{r} 14 \\ -7 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ -7 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 16 \\ -4 \\ \hline 12 \end{array} \quad \begin{array}{r} 12 \\ -4 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ -4 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 16 \\ -8 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$$

It's your Turn!

Use repeated subtraction to solve $20 \div 5$.

Show your work in the space provided.

Write the quotient on the answer line:

$20 \div 5 = \underline{4}$

$$\begin{array}{r} 16 \\ -4 \\ \hline 12 \end{array} \quad \begin{array}{r} 12 \\ -4 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ -4 \\ \hline 0 \end{array}$$