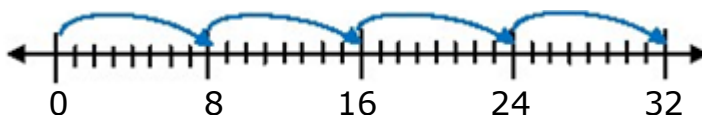


Relate Division and Subtraction

Use a number line or repeated subtraction to solve.

$$8 \overline{)32}$$

Use a number line.



You made 4 jumps of 8.

So, $32 \div 8 = 4$.

Use a number line or repeated subtraction to solve.

$$3 \overline{)21}$$

Use repeated subtraction.

$$\begin{array}{r} 21 \\ - 3 \\ \hline 18 \end{array} \quad \begin{array}{r} 18 \\ - 3 \\ \hline 15 \end{array} \quad \begin{array}{r} 15 \\ - 3 \\ \hline 12 \end{array} \quad \begin{array}{r} 12 \\ - 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ - 3 \\ \hline 0 \end{array}$$

You subtracted 3 seven times.

So, $21 \div 3 = 7$.

Examples:

A- Write a division sentence for each.

$$\begin{array}{r} 1) \quad 24 \\ \quad \nearrow \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ \quad \nearrow \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 8 \\ \hline \end{array} \quad \underline{24 \div 8 = 3}$$

$$\begin{array}{r} 2) \quad 12 \\ \quad \nearrow \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \quad \nearrow \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ - 4 \\ \hline \end{array} \quad \underline{12 \div 4 = 3}$$

My Real Life

Farah has 15 sweaters. She wants to buy enough pairs of pants so that she can wear 3 of her sweaters with each unique pair of pants. How many pairs of pants should Farah buy?

$$\underline{15 \div 3 = 5 \text{ sweaters}}$$