

It's Time to Check Your Work

Checking your division work using multiplication.

Name: _____

Division and multiplication work well together. Let's look at the example below.

$$\begin{array}{r} 5 \text{ ----- } ? \\ \times 4 \text{ ----- } 4 \overline{)20} \\ \hline 20 \text{ ----- } \end{array}$$

$$\begin{array}{r} 3 \text{ ----- } ? \\ \times 2 \text{ ----- } 2 \overline{)6} \\ \hline 6 \text{ ----- } \end{array}$$

Notice a pattern? Dividing the answer to a number used in multiplication gives a number same with the other number used in multiplication. Follow this pattern and you will know your work is correct.

Fill in the boxes with the correct answer. Select from the multiplication problems on the right the one that matches the division problem on the left.

$$3 \overline{)15} \quad \square \quad \star$$

$$6 \overline{)54} \quad \star$$

$$8 \overline{)32} \quad \star$$

$$3 \overline{)18} \quad \star$$

$$10 \overline{)20} \quad \star$$

$$7 \overline{)56} \quad \star$$

$$4 \overline{)12} \quad \star$$

$$9 \overline{)63} \quad \star$$

$$\begin{array}{r} \textcircled{8} \\ \times 4 \\ \hline 32 \end{array}$$

$$\begin{array}{r} \star \quad \textcircled{8} \\ \times 7 \\ \hline 56 \end{array}$$

$$\begin{array}{r} \star \quad \textcircled{5} \\ \times 3 \\ \hline 15 \end{array}$$

$$\begin{array}{r} \star \quad \textcircled{2} \\ \times 10 \\ \hline 20 \end{array}$$

$$\begin{array}{r} \star \quad \textcircled{7} \\ \times 9 \\ \hline 63 \end{array}$$

$$\begin{array}{r} \star \quad \textcircled{4} \\ \times 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} \star \quad \textcircled{9} \\ \times 6 \\ \hline 54 \end{array}$$

$$\begin{array}{r} \star \quad \textcircled{6} \\ \times 3 \\ \hline 18 \end{array}$$

What do you notice about the numbers inside the squares and the numbers inside the circles?



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Answer the word problems below. Use the spaces provided. Don't forget to check your work!



At gym class, there are 9 students. Each student was handed three basketballs. How many basketballs are there in all?

Solution:

