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Orders, Orders, Orders

Use the order of operations to solve each number sentence. When you have several operations in the same number statement, it's important to perform the operations in the correct order. Do all multiplication and division in a problem first. Remember to add, subtract, multiply and divide from left to right.

1. $3 \times (55 \div 5) + 9 = \underline{\quad}$

2. $9 + (21 \div 3) = \underline{\quad}$

3. $6 - 5 + (4 \times 8) = \underline{\quad}$

4. $(6 + 3 \times 3) \div 5 = \underline{\quad}$

5. $81 \div (5 \times 4 - 11) = \underline{\quad}$

6. $(7 + 7) \div 2 \times 8 = \underline{\quad}$

7. $77 \times (1 - 1) \times 100 = \underline{\quad}$

8. $(2 + 7) \times (9 - 5) = \underline{\quad}$

9. $(3 + 2) \times 8 \div 4 = \underline{\quad}$

10. $6 \div 3 + (9 - 2 \times 4) = \underline{\quad}$

11. $30 - (4 \times 7) = \underline{\quad}$

12. $(16 \div 8 + 2) \times 7 = \underline{\quad}$

Rewrite problem #2 so the answer is 10.

Rewrite problem #3 so the answer is 40.

Rewrite problem #8 so the answer is 60.

Rewrite problem #9 so the answer is 7.



order of operations

Use the order of operations and the digit 6 four times to write the number sentence for each of the following answers.

_____ = 42 _____ = 12

_____ = 36 _____ = 24

Use the order of operations and the digits 1, 2, 3, 4, 5 to write the number sentence for each of the following answers.

_____ = 7 _____ = 54

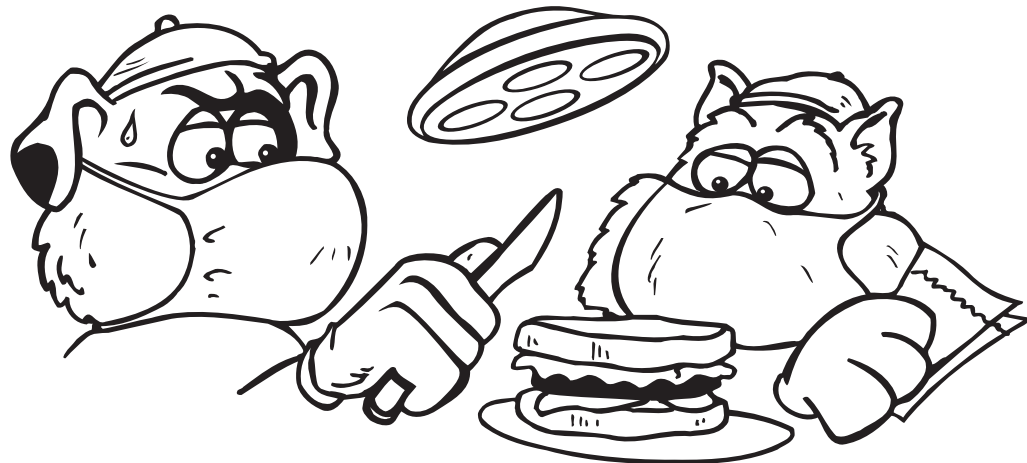
_____ = 10 _____ = 30

_____ = 5 _____ = 15

Challenge

Use the order of operations and the digits 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9 in that order to write the problem for the following answer.

_____ = 10





Puzzle It Out

Find the sum or difference. Use the inverse operation to check your answer.

$$\begin{array}{r} 1. \quad 3\,712\,639 \\ \quad 84\,357 \\ + 1\,348\,068 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 9\,023\,820 \\ - 1\,473\,916 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 2\,403\,000 \\ - 613\,057 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 2\,647\,135 \\ \quad 1\,548\,926 \\ + 3\,362\,759 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 6\,940\,302 \\ - 3\,962\,117 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 4\,392\,768 \\ \quad 1\,843\,277 \\ + 2\,651\,300 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 3\,000\,438 \\ \quad 3\,462\,915 \\ + 2\,845\,632 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 7\,406\,205 \\ - 3\,637\,138 \\ \hline \end{array}$$



Find the missing digits.

$$\begin{array}{r} 1. \quad 23\boxed{}1654 \\ \quad \boxed{}380307 \\ +1\boxed{}4599\boxed{} \\ \hline 10007\boxed{}57 \end{array}$$

$$\begin{array}{r} 2. \quad 142\boxed{}990\boxed{} \\ \quad \quad 65\boxed{}436 \\ +3\boxed{}309\boxed{}80 \\ \hline \boxed{}0\boxed{}39521 \end{array}$$

$$\begin{array}{r} 3. \quad 36\boxed{}0\boxed{}23 \\ -\boxed{}83160\boxed{} \\ \hline 1\boxed{}689\boxed{}4 \end{array}$$

$$\begin{array}{r} 4. \quad 29\boxed{}3505 \\ -\boxed{}7462\boxed{} \\ \hline \boxed{}98\boxed{}8\boxed{}7 \end{array}$$

$$\begin{array}{r} 5. \quad \boxed{}5976\boxed{}44 \\ \quad \boxed{}134856 \\ +1427\boxed{}6\boxed{}5 \\ \hline 463\boxed{}488\boxed{} \end{array}$$

$$\begin{array}{r} 6. \quad \boxed{}23\boxed{}05\boxed{} \\ -\boxed{}468\boxed{}7 \\ \hline 8883\boxed{}15 \end{array}$$

$$\begin{array}{r} 7. \quad 7\boxed{}349\boxed{}6 \\ -\boxed{}656\boxed{}98 \\ \hline -35\boxed{}887\boxed{} \end{array}$$

$$\begin{array}{r} 8. \quad 23\boxed{}89\boxed{}6 \\ \quad \boxed{}735\boxed{}28 \\ +1\boxed{}9087\boxed{} \\ \hline 878\boxed{}936 \end{array}$$

