tutorified

4.OA.A.3 Order of Operations and Filling Numbers

4.OA.A.3: Solve multistep word problems posed with whole numbers using the four operations.

1. Find the value of each expression. Make sure that you use correct order of operation.

   a. $80 - 11 \times 3 - 5$
   b. $15 \div 3 + 28 \div 7$
   c. $12 \times 3 - 36 \div 12$
   d. $3 \times 7 - 25 \div 5 + 8$
   e. $3 + 44 \div 11 \times 2 - 5$
   f. $6 + 42 \div 6 \times 2 - 5$
   g. $27 \div 9 \times 4 - 3 + 9$
   h. $8 \times 4 + 16 \div 4 + 7$

   Solution:
   a. _____
   b. _____
   c. _____
   d. _____
   e. _____
   f. _____
   g. _____
   h. _____

2. Use the numbers listed to fill in the missing numbers to make a true number sentence.

   a. 2, 5, and 8   → ___ × ___ + ___ = 18
   b. 3 and 18   → ___ ÷ ___ = 6
   c. 3, 8, and 25   → ___ − ___ + ___ = 30
   d. 8, 9, and 3   → ___ × ___ + ___ = 75
   e. 3, 4, and 5   → ___ × ___ − ___ = 11
   f. 4, 12, and 20   → ___ ÷ ___ + ___ ÷ ___ = 8
   g. 3, 9, and 48   → ___ × ___ + ___ ÷ ___ = 43

   Solution:
   a.
   b.
   c.
   d.
   e.
   f.
   g.

3. If Ethan wins a game, seven tickets are given to him. If he loses, he must return four tickets. How many tickets does he receive, if he wins 5 games and loses 3?

   Solution:

4. Lyn buys 3 bouquets of flowers for $13 each. He pays with four $10 bills. How much money does he have left?

   Solution:

5. Pola buys 3 hamster pets for $5 each. She also buys 9 kilograms of pet food. One kilogram costs $2. Ceasar buys 4 hamster pets for $4 each. He buys 7 kilograms of the same pet food. Who spent more money and by how much?

   Solution:

6. What is the value of expression $63 \div 7 - 12 + 5 \times 8 \div 4$?
   A. 27
   B. 45
   C. 7
   D. None of the above

   Solution: