

LESSON

Homework and Practice**1-4** *Order of Operations*

Evaluate each expression.

1. $7 + 3 \times 4$

2. $(45 - 10) \times 2$

3. $(20 + 16) \div 2 + 10$

4. $2^2 \times 3 \div 4$

5. $9 \times (7 + 1) \div 2$

6. $(9 - 2) + 8 - (1 + 3)$

7. $12 + 36 \div 2^2$

8. $7 + 90 \div 9 + 10$

9. $24 + (3^4 - 1) \div 10$

Insert parentheses so that each equation is correct.

10. $16 - 5 \times 2 - 2 = 20$

11. $2^5 - 25 \times 7 = 49$

12. $30 \div 3 \times 5 - 1 = 1$

13. $21 - 5 + 6 = 10$

14. $8 + 4 \cdot 2 + 7 \div 3 = 20$

15. $6 + 4^2 - 9 = 13$

16. $3 \times 21 - 10 + 3 = 36$

17. $3 \times 100 - 5^2 = 225$

18. $14 \div 2 + 7 \times 2 = 21$

19. Tiffany jogged 3 miles a day for the first week of her exercise plan. Then she jogged 5 miles a day for the next 10 days. How many miles did Tiffany jog in all?
-
- _____

20. Juan's father bought 2 tickets to the baseball game and 2 large bags of peanuts. Each ticket cost \$25 and each bag of peanuts cost \$2. He paid with a \$100 bill. How much change did he get back?
-
- _____

LESSON

Homework and Practice**1-4** *Order of Operations*

Evaluate each expression.

1. $7 + 3 \times 4$

19

2. $(45 - 10) \times 2$

70

3. $(20 + 16) \div 2 + 10$

28

4. $2^2 \times 3 \div 4$

3

5. $9 \times (7 + 1) \div 2$

36

6. $(9 - 2) + 8 - (1 + 3)$

11

7. $12 + 36 \div 2^2$

21

8. $7 + 90 \div 9 + 10$

27

9. $24 + (3^4 - 1) \div 10$

32

Insert parentheses so that each equation is correct.

10. $16 - 5 \times 2 - 2 = 20$

 $(16 - 5)$

11. $2^5 - 25 \times 7 = 49$

 $(2^5 - 25)$

12. $30 \div 3 \times 5 - 1 = 1$

 (3×5)

13. $21 - 5 + 6 = 10$

 $(5 + 6)$

14. $8 + 4 \cdot 2 + 7 \div 3 = 20$

 $(2 + 7)$

15. $6 + 4^2 - 9 = 13$

 $(6 + 4^2)$ or $(4^2 - 9)$

16. $3 \times 21 - 10 + 3 = 36$

 $(21 - 10)$

17. $3 \times 100 - 5^2 = 225$

 $(100 - 5^2)$

18. $14 \div 2 + 7 \times 2 = 21$

 (7×2)

19. Tiffany jogged 3 miles a day for the first week of her exercise plan. Then she jogged 5 miles a day for the next 10 days. How many miles did Tiffany jog in all?

71 miles

20. Juan's father bought 2 tickets to the baseball game and 2 large bags of peanuts. Each ticket cost \$25 and each bag of peanuts cost \$2. He paid with a \$100 bill. How much change did he get back?

\$46