Name _____ Date _____ Class _____

LESSON 1-4

Practice A

Order of Operations

Name the operation you should perform first.

1. $5 + 6 \times 2$ _____

2. $18 \div 3 - 1$ _____

3. $4 + (7 - 1)$ _____

4. $3^2 + 6$ _____

5. $(15 + 38) \times 6$ _____

6. $5 \times 10 - 12$ _____

Match each expression to its value.

	Expression	Value
_____	**7.** $7 + 8 - 2$	**A.** 9
_____	**8.** $9 + (12 - 10)$	**B.** 40
_____	**9.** $(20 - 15) \times 2$	**C.** 12
_____	**10.** $10 \div 5 + 7$	**D.** 0
_____	**11.** $6 + 2 \times 3$	**E.** 16
_____	**12.** $(2 \times 4) + 8$	**F.** 11
_____	**13.** $14 \div 2 \times 0$	**G.** 13
_____	**14.** $(5 - 1) \times 10$	**H.** 10

15. Sam bought two CDs for $13 each. Sales tax for both CDs was $3. Write an expression to show how much Sam paid in all.

_____

16. Alicia made 24 chocolate chip cookies and 36 sugar cookies. Then she divided all the cookies into 10 bags to sell at the bake sale. Write an expression to show how many cookies she put into each bag.

_____

Name _____ Date _____ Class _____

LESSON 1-4

Practice B

Order of Operations

Evaluate each expression.

1. $10 + 6 \times 2$

2. $(15 + 39) \div 6$

3. $(20 - 15) \times 2 + 1$

4. $(4^2 + 6) \div 11$

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

6. $(2 \times 4) + 8 - (5 \times 3)$

7. $5 + 18 \div 3^2 - 1$

8. $8 + 5 \times 10 - 12$

9. $14 + (50 - 7^2) \times 3$

Add parentheses so that each equation is correct.

10. $7 + 9 \times 3 - 1 = 25$

11. $2^3 - 7 \times 4 = 4$

12. $5 + 6 \times 9 \div 3 = 23$

13. $12 \div 3 \times 2 = 2$

14. $8 + 3 \times 6 - 4 - 1 = 13$

15. $4 \times 3^2 + 1 = 40$

16. $9 \times 0 + 5 - 3 = 42$

17. $15 \times 3^2 - 2^3 = 15$

18. $14 \div 2 + 5 \times 5 = 10$

19. Tyler walked 2 miles a day for the first week of his exercise plan. Then he walked 3 miles a day for the next 9 days. How many miles did Tyler walk in all?

20. Paulo's father bought 8 pizzas and 12 bottles of juice for the class party. Each pizza cost $9 and each bottle of juice cost $2. Paulo's father paid with a $100-bill. How much change did he get back?

Name _____ Date _____ Class _____

LESSON 1-4

Puzzles, Twisters & Teasers

Are You in Order?

What did one telephone say to the other when it proposed?

To answer the riddle, solve the following problems. Then write the letter that is represented by each answer in the blanks below.

1. $20 + 16 \times 2 =$ _____ (I)

2. $55 \div (11 - 6) \times 8 =$ _____ (W)

3. $4 + 9 - (2 + 6) + 3 =$ _____ (L)

4. $(24 + 12) \div 12 =$ _____ (G)

5. $(4 + 6 \div 2) \times (1 + 9) =$ _____ (V)

6. $10 \times (54 - 49) + 17 =$ _____ (E)

7. $(36 \div 18)^3 + 17 \times 3 =$ _____ (Y)

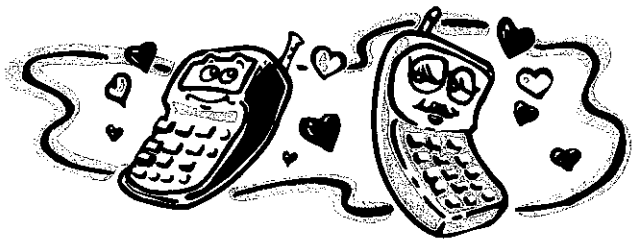
8. $2^4 + (81 - 50) + 52 =$ _____ (O)

9. $21 \div (2 + 1) \times 5 - 2^2 =$ _____ (U)

10. $6 \div (1 + 2) \times 5^2 - 25 =$ _____ (A)

11. $32 \times (3 + 2) + 8 \div 2 =$ _____ (R)

12. $(6^3 \div 3) + 8 \div 2 =$ _____ (N)



I							
		88	52	8	8		
3	52	70	67		59	99	31
25		164	52	76	3		

Name _____ Date _____ Class _____

LESSON 1-5

Practice B

Mental Math

Evaluate.

1. 17 + 4 × 5 _____

2. 25 × 3 × 4 _____

3. 28 + 39 + 11 + 22 _____

4. 12 + 7 + 8 + 13 _____

5. 10 + 3 × 2 _____

6. 9 × 8 × 5 _____

7. 97 + 4 + 3 + 26 _____

8. 2 × 6 × 5 _____

9. 28 + 2 × 6 _____

Use the Distributive Property to find each product.

10. 4 × 16 _____

11. 8 × 31 _____

12. 3 × 62 _____

13. 2 × 46 _____

14. 5 × 29 _____

15. 7 × 22 _____

16. 9 × 21 _____

17. 6 × 15 _____

18. 8 × 44 _____

19. 4 × 29 _____

20. 7 × 31 _____

21. 5 × 57 _____

22. Each ticket to a play costs $27. How much will it cost to buy 4 tickets? Which property did you use to solve this problem with mental math?

_____

23. Mr. Stanley bought two cases of pencils. Each case has 20 boxes. In each box there is 10 pencils. Use mental math to find how many pencils Mr. Stanley bought.

_____

24. When you consider that cows eat grass and the water needed to grow the grass that cows eat, it takes 65 gallons of water to produce one serving of milk! Use mental math to find how many gallons of water are needed to produce 5 servings of milk.

_____