

Name : _____

Score : _____

Teacher : _____

Date : _____

Translate Algebraic Expressions

1) Take away 3 from p

2) n minus 5

3) h is added to 9

4) 4 divided by y

5) 8 less than d

6) Sum of 5 and s

7) d divided by 6

8) Product of 4 and d

9) Sum of f and 3

10) 2 times d



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Translate Algebraic Expressions

1) 8 times the sum of k and 9

2) 7 times the sum of 3 and c

3) One-half of the sum of 4 and c

4) Subtract three-fourths from 7 times z

5) 9 less than 7 times s

6) One-fifth of the sum of s and 3


7) 4 is subtracted from one-half of g

8) Two-fifths of n is added to 4

9) Take away 3 from 5 times n

10) Two-thirds of w is subtracted from 8





Topic 1

Expressions

Name _____ Date _____

I. Order of Operations and Simplifying Numeric Expressions

A. Simplify each expression.

1. $20 - 5 \times 3 + 4 \div 4$

2. $14 \times 2 - 12 \div 2 \div 2 + 4$

3. $3 \times 9 - (9 + 0) \div 3 \times 9$

4. $5 + 10 \div 2 - 6 \times 1$

5. $6 - 4 \div 2 + 5 \times 3$

6. $25 \times 6 - 3 - 4 \div 2$

7. $8 + 7 \times 2 - 15 \div 5$

8. $24 \div 6 + 3 \times 3 - 7$

9. $18 - 2 \times 4 \times 2 + 10 \div 2$

10. $9 \div 3 - 1 + 8 \times 7 - 16$

11. $10 + 18 \div 3 \div 2 - 3 \times 4$

12. $36 \div 12 + 9 \times 3 - 12$

B. Simplify each expression using the Order of Operations.

1. $4 + 3 \div 1 - 2 \times 3$

2. $5 \times 3 - 8 + 10 \div 2$

3. $5 + 2 \times 3 - 8 \div 4$

4. $15 - 12 \div 6 \div 2 \times 4 + 7$

5. $5 - 8 \div 4 + 2 \times 7$

6. $1 + 3 \times (4 - 1) + 6 \div 2$

7. $4 + 3 \times 5 - 12$

8. $56 \div 8 + 3 \times 6$

9. $13 + 9 \times 2 - 14 \div 2$

10. $9 \times 8 - 29 + 30 \div 15 - 15$

11. $36 \div (12 - 8) + 2 \times 5$

12. $18 + 4 \div 4 - 2 \times (3 + 1)$