

Translating Expressions with Parentheses

Assignment
Math 5

Part A: Highlight the verbal phrases that need parentheses.

1. Four times seven minus nine plus three
2. The product of four and seven minus the sum of nine and three
3. The difference of fourteen and five times the sum of three and eight.
4. Twenty five minus eleven times four divided by two plus five
5. The sum of twenty and fifteen divided by the product of five and three

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Part B: Match the verbal phrases to its corresponding numerical expression.

1. Twenty divided by five times two plus four

a. $20 \div (5 \times 2) + 4$

2. The quotient of twenty and five times the sum of two and four

b. $20 \div 5 \times 2 + 4$

3. Twenty divided by the product of five and two plus four

c. $(20 \div 5) \times (2 + 4)$

4. Thrice the sum of six and three plus the difference of nine and seven

d. $3 \times (6 + 3) + (9 - 7)$

5. Three times six plus three plus nine minus seven

e. $(3 \times 6) + (3 + 9) - 7$

6. The product of three and six plus the sum of three and nine minus seven

f. $3 \times 6 + 3 + 9 - 7$

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Part C: Write the numerical expression for each verbal phrase.

<p>1. The difference between nineteen and eleven divided by the sum of two and one.</p>	
<p>2. Twice the sum of five and twelve divided by the difference of twenty and three</p>	
<p>3. Thirteen plus eighteen divided by nine times three minus two</p>	
<p>4. The sum of sixteen and fourteen divided by two times three minus five</p>	
<p>5. The product of twelve and five minus the quotient of twelve and six plus the difference of twenty one and nineteen</p>	

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Answers:

Part A: Highlight the verbal phrases that need parentheses.

1. Four times seven minus nine plus three

2. The product of four and seven minus the sum of nine and three

3. The difference of fourteen and five times the sum of three and eight.

4. Twenty five minus eleven times four divided by two plus five

5. The sum of twenty and fifteen divided by the product of five and three

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Part B: Match the verbal phrases to its corresponding numerical expression.

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| 1. Twenty divided by five times two plus four | ————— | a. $20 \div (5 \times 2) + 4$ |
| 2. The quotient of twenty and five times the sum of two and four | ————— | b. $20 \div 5 \times 2 + 4$ |
| 3. Twenty divided by the product of five and two plus four | ————— | c. $(20 \div 5) \times (2 + 4)$ |
| 4. Thrice the sum of six and three plus the difference of nine and seven | ————— | d. $3 \times (6 + 3) + (9 - 7)$ |
| 5. Three times six plus three plus nine minus seven | ————— | e. $(3 \times 6) + (3 + 9) - 7$ |
| 6. The product of three and six plus the sum of three and nine minus seven | ————— | f. $3 \times 6 + 3 + 9 - 7$ |

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Assignment
Math 5**Part C:** Write the numerical expression for each verbal phrase.

1. The difference between nineteen and eleven divided by the sum of two and one.	$(19 - 11) \div (2 + 1)$
2. Twice the sum of five and twelve divided by the difference of twenty and three	$2 \times (5 + 12) \div (20 - 3)$
3. Thirteen plus eighteen divided by nine times three minus two	$13 + 18 \div 9 \times 3 - 2$
4. The sum of sixteen and fourteen divided by the product of two and three minus five	$(16 + 14) \div (2 \times 3) - 5$
5. The product of twelve and five minus the quotient of twelve and six plus the difference of twenty one and nineteen	$(12 \times 5) - (12 \div 6) + (21 - 19)$