



Math 5

UNIT 1 - Numerical Expressions 1-2 Translating Expressions with Parentheses

Name:

Date:

Common Core Standards

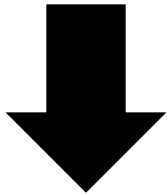
[CCSS.MATH.CONTENT.5.OA.A.2](#)

Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. *For example, express the calculation "add 8 and 7, then multiply by 2" as $2 \times (8 + 7)$. Recognize that $3 \times (18932 + 921)$ is three times as large as $18932 + 921$, without having to calculate the indicated sum or product.*

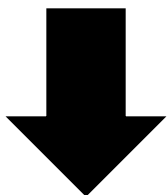


1-2 Translating Expressions with Parentheses

Verbal Phrase **with**
Parentheses

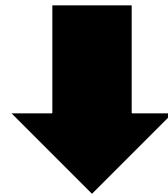


Five times the
difference of ten
and four

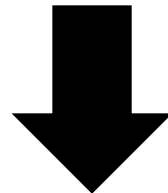


$$5 \times (10 - 4)$$

Verbal Phrase
without Parentheses



Five times ten
minus four



$$5 \times 10 - 4$$

I am Lost!

The verbal phrases below are translated into its numerical form, but the parentheses might be misplaced. Place the parentheses to where they should be.

	Verbal Phrase	Numerical Expression	Is it correct? Yes/No	Correct Numerical Expression
1.	The sum of ten and twelve minus five	$10 + (12 - 5)$		
2.	Eight times the quotient of ten and two	$(8 \times 10) \div 2$		
3.	Seven plus the difference of twenty and thirteen	$(7 + 20) - 13$		

Task Cards

Match the pink card with the blue card with the correct verbal phrase of the given numerical expressions.

1.

Twenty four divided
by four times two
plus five

a.

$$24 \times 4 \div 2 + 5$$

2.

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

b.

$$24 \div (4 \times 2) + 5$$

3.

Twenty four times
four divided by two
plus five

c.

$$24 \div 4 \times 2 + 5$$

4.

Twenty four times
the quotient of four
and two plus five

d.

$$(24 \times 4) \div (2 + 5)$$

5.

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

e.

$$24 \times (4 \div 2) + 5$$

6.

The product of
twenty four and four
divided by the sum of
two and five

f.

$$(24 \div 4) \times (2 + 5)$$

ANSWER KEY

Situation 1

1. No,
 $(10 + 12) - 5$

2. No
 $8 \times (10 \div 2)$

3. No
 $7 + (20 - 13)$

Task Cards

1. C

2. F

3. A

4. E

5. B

6. D