

Name _____ Date _____



Fifth Grade, 5.OA.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. Which expression below correctly states, Subtract 2 from 5, and then multiply by 3?
 - a) $2 - 5 \times 3$
 - b) $(5 - 2) \times 3$
 - c) $5 - 2 \times 3$
 - d) $(2 - 5) \times 3$
2. Which expression below correctly states, Multiply the sum of 4 and 7 by 11?
 - a) $4 + 7 + 11$
 - b) $47 + 11$
 - c) $(4 + 7) \times 11$
 - d) $4 + 7 \times 11$
3. Which expression below correctly states, Multiply 5 and 6, then subtract the sum of 2 and 8?
 - a) $(5 \times 6) - (2 + 8)$
 - b) $5 \times (6 - 2 + 8)$
 - c) $5 \times (6 - 2) + 8$
 - d) $(5 \times 6 + 2) + 8$
4. Which sentence correctly states the numerical expression?

$$[32 - (2 \times 6)] \div 4$$

- a) Find the sum of 32, 2, and 6, and then divide by 4
- b) Divide 32 by 4 and then subtract the product of 2 times 6
- c) Find the difference of 32 and 2, then find the quotient of 6 and 4
- d) Subtract the product of 2 times 6 from 32, and then divide by 4

5. Which sentence correctly states the numerical expression?

$$(20 + 7) \div 9$$

- a) Find the quotient of 7 and 9, then add 20
 - b) Find the sum of 20 and 7, then divide by 9
 - c) Divide 20 by 7, then add 9
 - d) Find the sum of 20 and 9, then divide by 7
6. Write the expressions for the following steps: Double 5 then add 26.
- _____

7. Describe how the expression $5(10 \times 10)$ relates to 10×10 .

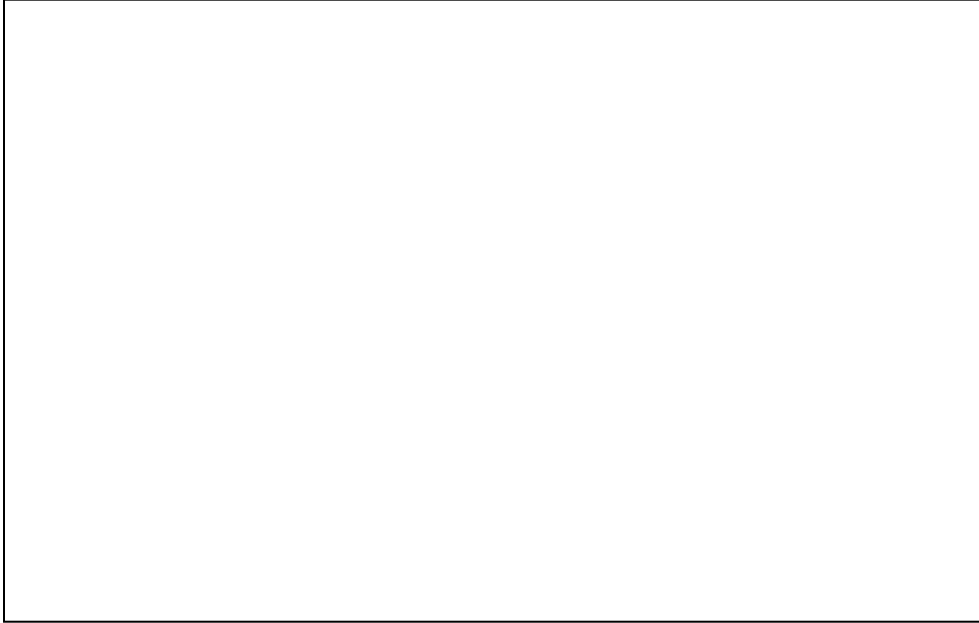
8. Please read the following and initial if you understand the definitions. _____

Expressions are a series of numbers and symbols (+, -, x, ÷).

Example: $5 + 3$ or 8×7

Numerical Equations are when two things/sides are the same/balanced, using numbers and mathematical symbols. Example: $7 + 2 = 10 - 1$ or $12 = 4 \times 3$

9. Make up a word problem and write a matching expression.



10. Make up a word problem and write a matching expression.

