

Name _____

Practice
2-3

Order of Operations

Evaluate each expression.

1. $3 + 4 \times 7$

2. $88 - 6 \times 6$

3. $8 \times 2 + 7 \times 3$

Use parentheses to make each number sentence true.

11. $10 + 5 \times 4^2 \div 2^3 = 20$

12. $124 - 6 \times 0 + 15 = 34$

13. $10^2 - 10 + 3 = 93$

14. $7 + 5 \times 3 \div 3 = 12$

Using Expressions to Describe Patterns

Practice
2-7

Use this table for 1 and 2.

Large White Butterfly Wing Beats					
Number of seconds Input	1	2	3	4	5
Number of beats Output	12	24	36	48	60

- Critical Thinking** What algebraic expression shows the number of wing beats for a chosen number of seconds?
A $60 + x$ B $x \div 12$ C $12 \div x$ D $12x$
- How many times will a large white butterfly beat its wings in 12 seconds?
A 144 B 120 C 84 D 72

Adding and Subtracting

Practice
3-2

Find each sum or difference.

1. $10.21 - 4.6$

2. $0.03 + 1.85$

3. $5.011 + 1.23$

4. **Number Sense** How does the cost for 1 tube of glue compare to the cost for 1 roll of tape?

5. What is the difference in cost between 2 packs of markers and 4 sheets of poster board?

Craft Supplies	
Poster board	\$1.29/sheet
Markers	\$4.50/pack
Tape	\$1.99/roll
Glue	\$2.39/tube
Construction paper	\$3.79/pack

Estimating Products and Quotients

Practice
3-3

Estimate each answer using rounding.

1. 3.48×9.673

2. 5.702×4.26

3. 9.734×6.8

Estimate each answer using compatible numbers.

4. $19.18 \div 3.7$

5. $14.9 \div 8.432$

6. $31.047 \div 4.492$

7. **Geometry** Estimate the area of the rectangle. _____

