

Name: \_\_\_\_\_

# Advanced Order of Operations

Solve:

①  $-6 + (-3 - 3)^2 \div 3$

②  $\frac{2 + 4(7 + 2^2)}{4 \times 2 + 5 \times 3}$

\_\_\_\_\_

③  $(5 + 9 - 10) \times 6 + 4 - 2$

\_\_\_\_\_

④  $\frac{-5^2 + (-5)^2}{(4^2 - 2^5) - 2 \times 3}$

\_\_\_\_\_

⑤  $5 + 2^3 \times (22 \div 11) - 3^2 \times (4 + 5)$

\_\_\_\_\_

⑥  $\{[-9 - (2 - 5)] \div (-6)\}$

\_\_\_\_\_

⑦  $(-7 - 5) \div [2 - 2 - (-6)]$

\_\_\_\_\_

⑧  $[(36 \div 6) - (-1)^3]^2 + 11$

\_\_\_\_\_

\_\_\_\_\_

Name: \_\_\_\_\_

# Advanced Order of Operations

## Answers

①  $-6 + (-3 - 3)^2 \div 3$

6

③  $(5 + 9 - 10) \times 6 + 4 - 2$

26

⑤  $5 + 2^3 \times (22 \div 11) - 3^2 \times (4 + 5)$

-60

⑦  $(-7 - 5) \div [2 - 2 - (-6)]$

-2

②  $\frac{2 + 4(7 + 2^2)}{4 \times 2 + 5 \times 3}$

2

④  $\frac{-5^2 + (-5)^2}{(4^2 - 2^5) - 2 \times 3}$

0

⑥  $\{[-9 - (2 - 5)] \div (-6)\}$

1

⑧  $[(36 \div 6) - (-1)^3]^2 + 11$

60