

Name \_\_\_\_\_

# PEMDAS

Solve the PEMDAS sentence questions using the correct order of operations.

1) Add 5 to 3, then multiply the result by 2, and finally subtract 4. $(5 + 3) \times 2 - 4$ $= 12$	2) Subtract 6 from 20, divide the result by 2, then add 7. $(20 - 6) \div 2 + 7$ $= 14$
3) Multiply 8 by 4, then divide by 2, and subtract 10. $(8 \times 4) \div 2 - 10$ $= 6$	4) Subtract 3 from 12, then multiply the result by 5 and add 9. $(12 - 3) \times 5 + 9$ $= 54$
5) Multiply 6 by 3, subtract 4 from the result, and then divide by 2. $(6 \times 3 - 4) \div 2$ $= 7$	6) Add 9 to 2, then square the sum, and subtract 10. $(9 + 2)^2 - 10$ $= 111$
7) First, divide 24 by 6, then multiply by 7, and finally subtract 5. $(24 \div 6) \times 7 - 5$ $= 23$	8) Multiply 9 by 3, add 12, then divide the result by 6. $(9 \times 3 + 12) \div 6$ $= 6$