

Name _____

Date _____

regular homework
Order of Operations with Exponents Version 2

Directions: Use the correct order of operations to determine each answer. Circle your answer for each problem.

Hint: Remember PEMDAS

1. $5^2 + 6^2 \div 9$

2. $9 - 7 \div 1$

3. $5 + 7^2 + 2 - 2$

4. $2^2 \times 2 \times 8^2 + 6$

5. $4^2 \times 9 - 7 + 4 \times 7$

6. $8^3 \times 4^3 + 4$

7. $3 \times 5 - 1$

8. $4 \times 4 + 4 \times 2^3 \times 8$

9. $1 \div 1^3 + 9^3 + 2$

10. $7^3 - 8 + 5$



Evaluate each expression.

1) $1+34\div(3\times 8-7)+2\times 3$

2) $(1+52\div 2+5)\times 2\times 6\times 6$

3) $(9+84\div 2\times 5+5+6)+2$

4) $(9-9+1+51)\times 2-8-8$

5) $8\times 1+(8+9)-38\div 2\times 5$

6) $(60\div 3+4\times 7\times 9)\times 2-8$

7) $9\times (6+6\times 2)+8\times 1+3$

8) $14\div 1\times 1\times 9-(4-4\times 6)$

9) $(9\times 36\div 6-5\times 3)+2+6$

10) $8+7\times (48\div 3+1+1)\times 1$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____