GIMNA SIO LOS PINOS
GRADO QUINTO

GENERAL REVIEW THIRD TERM MIDTERM TEST
MATH

## Exponents

Rewrite each expression using exponents.
example: $7 \times 7 \times 7 \times 7-7^{4}$
a. $6 \times 6 \times 6 \times 6 \times 6$
c. $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$
b. $3 \times 3 \times 3 \times 3$
d. $9 \times 9$
e. $\quad 31 \times 31 \times 31 \times 31 \times 31 \times 31$ $\qquad$ f. $14 \times 14 \times 14$

Rewrite each exponent in expanded form.
example: $5^{6} \cdot 5 \times 5 \times 5 \times 5 \times 5 \times 5$
g. $8^{4}-$
h. $\quad 4^{y}-$
i. $\quad 13^{2}$. $\qquad$
j. $100^{6}$ $\qquad$

Rewrite each exponent in standard form.

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example: 6 < - 216
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k. $\quad 5^{2}$ $\qquad$
n. $\quad 93$
l. $\quad 74$
o. 112
p. $\quad 2^{6}$

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Simplify the following Power exercises and identify their case.

1) $5^{4} X 5^{7}=$
2) $\frac{8^{9}}{8^{2}}=$
3) $\frac{3^{4}}{3^{4}}=$
4) $12^{7} \div 12^{6}=$
5) $\left(3^{4}\right)^{3}=$
6) $886^{0}=$
7) $\left(7^{3}\right)^{9}=$
8) $\left(\frac{8}{6}\right)^{7}=$
9) $\left(\frac{3}{5}\right)^{4}=$
10) $67^{5} \times 67^{7}=$
11) Convert to fractions:
$0,008: \quad 0,092$ :
$0,8:$

0,65:
5,88:

11,5:
2) Convert to decimals:

| $\frac{9}{100}$ | $\frac{18}{10}$ |
| :--- | :--- |
| $7 \frac{125}{1000}$ | $3 \frac{79}{100}$ |
| $7 \frac{9}{1000}$ | $\frac{9}{100}$ |
|  | $35 \frac{4}{1000}$ |

1. Juan pays $\$ 12.33$ for 30 tickets to the basketball game. What is the cost of each ticket?
2. Laura has a piece of rope that is 46.8 meters long. He cuts the rope into 4 equal pieces. What is the length of each piece?
3. Valentina pays $\$ 19.2$ for 30 student tickets to the movie. What is the cost of each student ticket?
