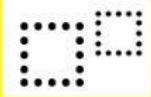
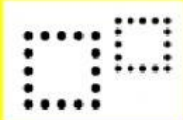
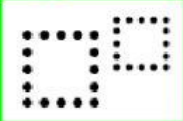
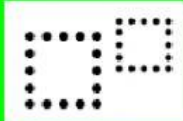
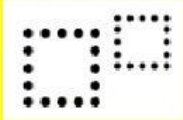
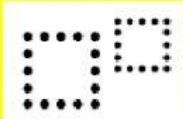


|       |                 |               |
|-------|-----------------|---------------|
| FECHA | NOMBRE COMPLETO | GRADO Y GRUPO |
|-------|-----------------|---------------|

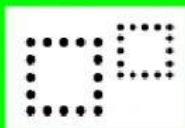
### TAREA 1: LEYES DE LOS EXPONENTES

INSTRUCCIONES: RESUELVE CADA UNA DE LAS OPERACIONES QUE SE TE INDICAN, OBSERVA EL EJEMPLO

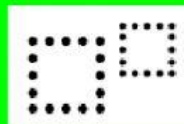
| Ley                           | Ejemplo                     |
|-------------------------------|-----------------------------|
| 1 $a^0 = 1 \quad a \neq 0$    | $3^0 = 1$                   |
| 2 $a^m \times a^n = a^{m+n}$  | $2^3 \times 2^2 = 2^{3+2}$  |
| 3 $a^{-n} = \frac{1}{a^n}$    | $2^{-3} = \frac{1}{2^3}$    |
| 4 $\frac{a^m}{a^n} = a^{m-n}$ | $\frac{3^5}{3^3} = 3^{5-3}$ |

|                                                                                                               |                                                                                                                |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| $(5^2)(5^4) = 5^6$                                                                                            | $\frac{10^5}{10^2} = 10^3$                                                                                     |
| $(10^3)(10^2) =$<br>       | $\frac{x^7}{x^5} =$<br>    |
| $(-4)^3(-4)^4(-4)^5 =$<br> | $\frac{a^{12}}{a^5} =$<br> |
| $(a^4)(a)(a^2) =$<br>      | $\frac{5^{20}}{5^8} =$<br> |

$$(m^5)(m^3)(m^4) =$$



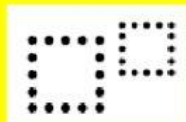
$$\frac{4^{13}}{4^7} =$$



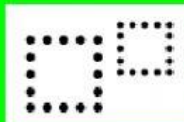
$$(8^2)(8^4)(8^{10}) =$$



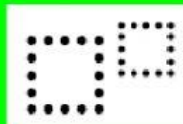
$$\frac{6^3}{6} =$$



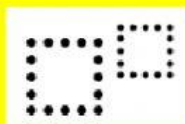
$$(20^5)(20^6)(20^3) =$$



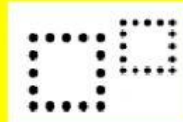
$$\frac{10^{10}}{10^5} =$$



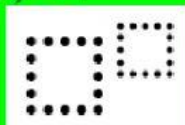
$$(x^5)(x^9)(x^2) =$$



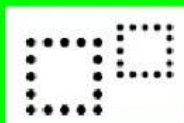
$$\frac{m^{16}}{m^{10}} =$$



$$(-15)^6(-15)^8(-15)^4 =$$



$$\frac{2^{25}}{2^{13}} =$$



$$(2x^2)(2x^6)(2x) =$$



$$\frac{y^{14}}{y^{13}} =$$

