



Name : Class :

Multiplication of exponents

Multiply the exponents below. Hint: results shall contain positive values only.

1) $4^2 \cdot 4^2$

2) $4 \cdot 4^2$

3) $3^2 \cdot 3^2$

4) $2 \cdot 2^2 \cdot 2^2$

5) $2n^4 \cdot 5n^4$

6) $6r \cdot 5r^2$

7) $2n^4 \cdot 6n^4$

8) $6k^2 \cdot k$

9) $5b^2 \cdot 8b$

10) $4x^2 \cdot 3x$

11) $6x \cdot 2x^2$

12) $6x \cdot 6x^3$

ANSWER SHEET

Multiply the exponents below. Hint: results shall contain positive values only.

$$1) 4^2 \cdot 4^2$$
$$4^4$$

$$2) 4 \cdot 4^2$$
$$4^3$$

$$3) 3^2 \cdot 3^2$$
$$3^4$$

$$4) 2 \cdot 2^2 \cdot 2^2$$
$$2^5$$

$$5) 2n^4 \cdot 5n^4$$
$$10n^8$$

$$6) 6r \cdot 5r^2$$
$$30r^3$$

$$7) 2n^4 \cdot 6n^4$$
$$12n^8$$

$$8) 6k^2 \cdot k$$
$$6k^3$$

$$9) 5b^2 \cdot 8b$$
$$40b^3$$

$$10) 4x^2 \cdot 3x$$
$$12x^3$$

$$11) 6x \cdot 2x^2$$
$$12x^3$$

$$12) 6x \cdot 6x^3$$
$$36x^4$$