

Entraînement 1 : Calcule

$$2^3 = 2 \times 2 \times 2$$

$$= 8$$

$$1^4 = 1 \times 1 \times 1 \times 1$$

$$= 1$$

$$5^3 = 5 \times 5 \times 5$$

$$= 125$$

$$2^4 = 2 \times 2 \times 2 \times 2$$

$$= 16$$

$$17^1 = 17$$

$$= \dots\dots\dots$$

$$5^2 = 5 \times 5$$

$$= 25$$

$$4^3 = 4 \times 4 \times 4$$

$$= 16$$

$$10^5 = 10 \times 10 \times 10 \times 10 \times 10$$

$$= 100\,000$$

$$2^6 = 2 \times 2 \times 2 \times 2 \times 2 \times 2$$

$$= 64$$

$$0^5 = 0 \times 0 \times 0 \times 0 \times 0$$

$$= 0$$

Puissance d'un nombre

$$3^2 = 3 \times 3 = 9$$

2 fois

$$10^3 = 10 \times 10 \times 10 = 1000$$

3 fois

$$2^4 = 2 \times 2 \times 2 \times 2 = 16$$

4 fois

Entraînement 2 : Donne la bonne écriture

$$2 \times 2 \times 2 \times 2 \times 2 \times 2 = 2^6$$

$$10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 10^{11}$$

$$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 = 3^9$$

$$27 \times 27 \times 27 \times 27 \times 27 \times 27 \times 27 \times 27 \times 27 = 27^9$$

Entraînement 3 : Calcule

$$10^3 = 10 \times 10 \times 10$$

$$= 1\,000$$

$$0^2 = 0 \times 0$$

$$= 0$$

$$10^4 = 10 \times 10 \times 10 \times 10$$

$$= 10\,000$$

$$0^3 = 0 \times 0 \times 0$$

$$= 0$$

$$10^2 = 10 \times 10$$

$$= 100$$

$$1^3 = 1 \times 1 \times 1$$

$$= 1$$

$$10^5 = 10 \times 10 \times 10 \times 10 \times 10$$

$$= 100\,000$$

$$1^5 = 1 \times 1 \times 1 \times 1 \times 1$$

$$= 1$$

$$3^1 = 3 \quad 5^1 = 5 \quad 7^1 = 7$$

$$13^1 = 13 \quad 0^5 = 0$$

Puissances particulières

$$1^8 = 1 \quad 4^1 = 4$$

$$10^0 = 1$$

$$10^1 = 10$$

$$10^2 = 100$$

$$10^3 = 1\,000$$

$$10^4 = 10\,000$$

Entraînement 4 : Calcule

$$8^2 = 8 \times 8 = 64$$

$$10^2 = 10 \times 10 = 10$$

$$9^2 = 9 \times 9 = 81$$

$$2^3 = 2 \times 2 \times 2 = 8$$

$$2^2 = 2 \times 2 = 4$$

$$2^4 = 2 \times 2 \times 2 \times 2 = 16$$

$$10^4 = 10 \times 10 \times 10 \times 10 = 10\,000 \quad 10^2 = 10 \times 10 = 100$$

$$10^6 = 1\,000\,000$$

$$4^1 = 4$$

$$4^2 = 4 \times 4 = 16$$

$$10^3 = 1\,000$$

$$0^3 = 0 \times 0 \times 0 = 0$$

$$1^7 = 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 = 1$$

$$1^{10} = 10\,000\,000\,000$$

