



Puissance 4ème

Fiche 2

Établissement Liberté

Priorités des opérations

Coche la bonne expression

| | | |
|---|---|---|
| $3 + 5 \times 4 =$ <input type="checkbox"/> 8×4 <input type="checkbox"/> $3 + 20$ | $5 \times 4 + 2 =$ <input type="checkbox"/> $20 + 2$ <input type="checkbox"/> 5×6 | $23 - 5 \times 4 =$ <input type="checkbox"/> 18×4 <input type="checkbox"/> $23 - 20$ |
| $2 \times (3 + 6) =$ <input type="checkbox"/> 2×9 <input type="checkbox"/> $6 + 6$ | $(2 \times 3) + 6 =$ <input type="checkbox"/> $6 + 6$ <input type="checkbox"/> 2×9 | $2 \times 3 + 6 =$ <input type="checkbox"/> $6 + 6$ <input type="checkbox"/> 2×9 |
| $(5 + 2) \times 3 =$ <input type="checkbox"/> 7×3 <input type="checkbox"/> $5 + 6$ | $5 + (2 \times 3) =$ <input type="checkbox"/> $5 + 6$ <input type="checkbox"/> 7×3 | $5 + 2 \times 3 =$ <input type="checkbox"/> $5 + 6$ <input type="checkbox"/> 7×3 |
| $7 + 2 \times 3 =$ <input type="checkbox"/> $7 + 6$ <input type="checkbox"/> 9×3 | $(5 + 7) \times 3 =$ <input type="checkbox"/> 12×3 <input type="checkbox"/> $5 + 21$ | $2 \times (3 + 1) =$ <input type="checkbox"/> 2×4 <input type="checkbox"/> $6 + 1$ |

Calcule

$$3 - 2 \times 3 = \dots\dots\dots$$

$$\dots\dots\dots$$

$$\dots\dots\dots$$

$$\dots\dots\dots$$

$$3 - 2 \times 3^2 + 1 = \dots\dots\dots$$

$$3^2 - 2 \times 3^2 \div 2 = \dots\dots\dots$$

$$2^2 + 2^2 \times 7 = \dots\dots\dots$$

$$\dots\dots\dots$$

$$\dots\dots\dots$$

$$\dots\dots\dots$$

$$2 \times (1 - 3^2) \div 2 = \dots\dots\dots$$

$$\dots\dots\dots$$

$$\dots\dots\dots$$

$$\dots\dots\dots$$

$$\frac{3^2}{4} + \frac{1}{2^3} = \dots\dots\dots$$

Puissances de nombres relatifs

$$(-2)^3 = \dots\dots\dots$$

$$-2^3 = \dots\dots\dots$$

$$(-2)^{-3} = \dots\dots\dots$$

$$-2^{-3} = \dots\dots\dots$$

$$-3^3 = \dots\dots\dots$$

$$-3^{-3} = \dots\dots\dots$$

$$5^1 = \dots\dots\dots$$

$$5^{-1} = \dots\dots\dots$$

$$(-5)^1 = \dots\dots\dots$$

Complète

$$1 = 10^{\dots\dots\dots}$$

$$1000 = 10^{\dots\dots\dots}$$

$$0,1 = 10^{\dots\dots\dots}$$

$$0,00000001 = 10^{\dots\dots\dots}$$

$$10 = 10^{\dots\dots\dots}$$

$$10000000 = 10^{\dots\dots\dots}$$

$$0,01 = 10^{\dots\dots\dots}$$

$$0,000000001 = 10^{\dots\dots\dots}$$

$$100 = 10^{\dots\dots\dots}$$

$$1000000 = 10^{\dots\dots\dots}$$

$$0,001 = 10^{\dots\dots\dots}$$

$$0,000001 = 10^{\dots\dots\dots}$$

Complète les tableaux

| | $\times 10^{-1}$ | $\times 10^{-2}$ | $\times 10^{-4}$ | $\times 10^{-5}$ | $\times 10$ | $\times 10^2$ | $\times 10^4$ | $\times 10^5$ |
|-------|------------------|------------------|------------------|------------------|-------------|---------------|---------------|---------------|
| 2,021 | | | | | | | | |
| 20,21 | | | | | | | | |
| 0,2 | | | | | | | | |
| 2 | | | | | | | | |