

# Compétence de base

SV

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# Calcul numérique

- $-32 - (-9,5) = \dots\dots\dots$

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- $\frac{5}{4} \cdot \dots\dots\dots = 25$

## Calcul numérique

- $-32 - (-9,5) = \dots\dots\dots$
- $-143 \div \dots\dots\dots = 11$
- $-15 + \dots\dots\dots = -51$
- $\frac{5}{4} \cdot \dots\dots\dots = 25$
- $100 \div (30 - 17,5) = \dots\dots\dots$

## Fraction

- $\frac{3}{4} \cdot \frac{16}{15} = \dots\dots\dots$

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- $\frac{3}{4} \cdot \frac{16}{15} = \dots\dots\dots$
- $\frac{18}{25} \div \frac{36}{15} = \dots\dots\dots$
- $\frac{2}{3} + \frac{3}{4} = \dots\dots\dots$
- $\frac{1}{6} + \frac{3}{8} - \frac{5}{12} = \dots\dots\dots$

## Fraction

- $\frac{3}{4} \cdot \frac{16}{15} = \dots\dots\dots$
- $\frac{18}{25} \div \frac{36}{15} = \dots\dots\dots$
- $\frac{2}{3} + \frac{3}{4} = \dots\dots\dots$
- $\frac{1}{6} + \frac{3}{8} - \frac{5}{12} = \dots\dots\dots$
- $\frac{15}{8} \div \frac{11}{16} + \frac{7}{22} = \dots\dots\dots$

# Puissance

- $7^8 \cdot 7^4 \cdot 7^2 = \dots\dots\dots$

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- $\frac{5^{11}}{5^4} = \dots\dots\dots$

# Puissance

- $7^8 \cdot 7^4 \cdot 7^2 = \dots\dots\dots$
- $5^{3^4} = \dots\dots\dots$
- $\frac{5^{11}}{5^4} = \dots\dots\dots$
- $12^3 \cdot 6^3 = \dots\dots\dots$

## Calcul littéral

- $(x - y)(x + y) = \dots\dots\dots$



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

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- $(x - y)(x + y) = \dots\dots\dots$
- $(2a^3 - 3b^2)^2 = \dots\dots\dots$
- $(5x - 3y)(3x + 5y) - 16xy = \dots\dots\dots$

## Equation

- $12(x - 3) + 4x = -8x$

$x = \dots\dots\dots$

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- $12(x - 3) + 4x = -8x$

$x = \dots\dots\dots$

- $\frac{x - 2}{3} - \frac{x + 3}{2} = \frac{5}{6}$

$x = \dots\dots\dots$

## Calcul numérique — réponses

- $-32 - (-9,5) = -22,5$
- $-143 \div -13 = 11$
- $-15 + (-36) = -51$
- $\frac{5}{4} \cdot 20 = 25$
- $100 \div (30 - 17,5) = 8$

## Fraction — réponses

- $\frac{3}{4} \cdot \frac{16}{15} = \frac{4}{5}$
- $\frac{18}{25} \div \frac{36}{15} = \frac{3}{10}$
- $\frac{2}{3} + \frac{3}{4} = \frac{17}{12}$
- $\frac{1}{6} + \frac{3}{8} - \frac{5}{12} = \frac{1}{8}$
- $\frac{15}{8} \div \frac{11}{16} + \frac{7}{22} = \frac{67}{22}$

## Puissance — réponses

- $7^8 \cdot 7^4 \cdot 7^2 = 7^{14}$
- $5^{3^4} = 5^{12}$
- $\frac{5^{11}}{5^4} = 5^7$
- $12^3 \cdot 6^3 = 72^3$

## Calcul littéral — réponses

- $(x - y)(x + y) = x^2 - y^2$
- $(2a^3 - 3b^2)^2 = 4a^6 - 12a^3b^2 + 9b^4$
- $(5x - 3y)(3x + 5y) - 16xy = 15x^2 - 15y^2$



## Equation — réponses

- $12(x - 3) + 4x = -8x$

$$x = \frac{3}{2}$$

- $\frac{x - 2}{3} - \frac{x + 3}{2} = \frac{5}{6}$

$$x = -18$$