Nom : Corrigé

# Chaînes d'opérations

## Évaluation

/29

/12

1- Complète les égalités.

a) $(-2)^3$ = -2 × (-2) × (-2) = -8

b) $-3^2$ = – ( 3 × 3 ) = -9

c) $(-5)^2$ = -5 × (-5) = 25

d) $-2^4$ = – ( 2 × 2 × 2 × 2) = -16

e) $-1^2$ = – ( 1 × 1 ) = -1

g) $(-5)^3$ = -5 × (-5) × (-5) = -125

/5

#2. $-(3 + (-4)) \times (-3) + (-4 - 7)^2 =$

$-(-1) \times (-3) + (-4 - 7)^2 =$

$-(-1) \times (-3) + (-11)^2 =$

$-(-1) \times (-3) + 121 =$

$-3 + 121 =$

118

#3. $4 - (3 - (-7))^2 \div (-3 + 7)^0 =$

/6

$4 - (10)^2 \div (-3 + 7)^0 =$

$4 - (10)^2 \div (4)^0 =$

$4 - 100 \div (4)^0 =$

$4 - 100 \div 1 =$

$4 - 100 =$

$-96$

#4. $(3 + (-5))^2 - (-4 - 2 \times (-2))^5 =$

/6

$(-2)^2 - (-4 - 2 \times (-2))^5 =$

$(-2)^2 - (-4 - (-4))^5 =$

$(-2)^2 - 0^5 =$

$4 - 0^5 =$

$4 - 0 =$

$4$