Nom : \_\_\_\_\_\_\_Corrigé\_\_\_\_\_

**Les chaînes d’opérations avec les nombres entiers**

1. Calcule le résultat des chaînes d’opérations suivantes. Laisse toutes les traces de tes démarches.

|  |  |  |
| --- | --- | --- |
| 1. -42 + (-24) ÷ (-12) ─ 3 =
 |  | 1. (5 – 10)2 🞩 (-10) + 5 =
 |
| -16 + (-24) ÷ (-12) ─ 3 = |  | (-5) 2 🞩 (-10) + 5 = |
| -16 + 2 – 3 =  |  | 25 🞩 (-10) + 5 = |
| -14 – 3 = |  | -250 +5 =  |
| -17 |  | -245 |

|  |  |  |
| --- | --- | --- |
| 1. -21 + ( 2 – 14 × (-10) ) ─ 32 =
 |  | 1. 32 🞩 (-2 – 15 ÷ 3) + (-13 ─ 9) =
 |
| -21 + ( 2 – (-140) ) ─ 32 = |  |  32 🞩 (-2 – 5) + (-13 ─ 9) = |
| -21 + 142 ─ 32 = |  | 32 🞩 (-7) + (-13 ─ 9) = |
| -2 + 142 ─ 32 =  |  | 32 🞩 (-7) + (-22) = |
| -2 + 142 ─ 9= |  | 9 🞩 (-7) + (-22) = |
| 140 – 9 =  |  | -63 + (-22) = |
| 131 |  | -85 |

|  |  |  |
| --- | --- | --- |
| 1. 48 + (-9)2 ÷ 32 🞩 70 =
 |  | 1. (-3)3 + (20 – (+18) + 45 ÷ 32) =
 |
| 48 + 81 ÷ 32 🞩 70 = |  | (-3)3 + (20 – (+18) + 45 ÷ 9) = |
| 48 + 81 ÷ 9🞩 70 = |  | (-3)3 + (20 – (+18) + 5) = |
| 48 + 81 ÷ 9🞩 1 = |  | (-3)3 + (2 + 5) = |
| 48 + 9🞩 1 = |  | (-3)3 + 7 = |
| 48 + 9 = |  | -27 + 7 = |
| 57 |  | -20 |