Nom : \_\_\_\_Corrigé\_\_\_\_

**La priorité des opérations**

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

|  |  |  |
| --- | --- | --- |
| 1. 23 + 15 ÷ 3 ─ 3 = |  | 1. (45 – 40)2 🞩 4 + 5 = |
| 8 + 15 ÷ 3 ─ 3 = |  | 52 🞩 4 + 5 = |
| 8 + 5 ─ 3 = |  | 25 🞩 4 + 5 = |
| 13 ─ 3 = |  | 100 + 5 = |
| 10 |  | 105 |

|  |  |  |
| --- | --- | --- |
| 1. 261 ÷ 2 – (24 – 20) ─ 12 = |  | 1. 52 🞩 2 – 48 ÷ 8 + (17 ─ 9) = |
| 261 ÷ 2 – 4 ─ 12 = |  | 52 🞩 2 – 48 ÷ 8 + 8 = |
| 26 ÷ 2 – 4 ─ 12 = |  | 25 🞩 2 – 48 ÷ 8 + 8 = |
| 26 ÷ 2 – 4 ─ 1 = |  | 50 – 48 ÷ 8 + 8 = |
| 13 – 4 ─ 1 = |  | 50 – 6 + 8 = |
| 9 ─ 1 = |  | 44 +8 = |
| 8 |  | 52 |

|  |  |  |
| --- | --- | --- |
| 1. (48 ÷ 12)2 ÷ 23 🞩 70 = |  | 1. 42 + (20 – 18 + 16) ÷ 32 = |
| 42 ÷ 23 🞩 70 = |  | 42 + (2 + 16) ÷ 32 = |
| 16 ÷ 23 🞩 70 = |  | 42 + 18 ÷ 32 = |
| 16 ÷ 8 🞩 70 = |  | 16 + 18 ÷ 32 = |
| 16 ÷ 8 🞩 1 = |  | 16 + 18 ÷ 9 = |
| 2 🞩 1 = |  | 16 + 2 = |
| 2 |  | 18 |

|  |  |  |
| --- | --- | --- |
| 1. 25 + 40 ÷ (2 + 23) = |  | 1. 50 – 62 + 3 ÷ 3 🞩 4 = |
| 25 + 40 ÷ (2 + 8) = |  | 50 – 36 + 3 ÷ 3 🞩 4 = |
| 25 + 40 ÷ 10= |  | 50 – 36 + 1 🞩 4 = |
| 32 + 40 ÷ 10= |  | 50 – 36 + 4 = |
| 32 + 4 = |  | 14 + 4 = |
| 36 |  | 18 |

|  |  |  |
| --- | --- | --- |
| 1. 102 ÷ 2 – (25 – 23)4 = |  | 1. 108 ÷ (42 + 2 🞩 1) – 3 = |
| 102 ÷ 2 – 24 = |  | 108 ÷ (16 + 2 🞩 1) – 3 = |
| 100 ÷ 2 – 24 = |  | 108 ÷ (16 + 2) – 3 = |
| 100 ÷ 2 – 16 = |  | 108 ÷ 18 – 3 = |
| 50 – 16 = |  | 6 – 3 = |
| 34 |  | 3 |

|  |  |  |
| --- | --- | --- |
| 1. (20 – 3 + 1) ÷ 2 🞩 70 = |  | 1. (3 🞨 15) ─ (10 ÷ 2) + 72 = |
| (17 + 1) ÷ 2 🞩 70 = |  | 45 ─ (10 ÷ 2) + 72 = |
| 18 ÷ 2 🞩 70 = |  | 45 ─ 5 + 72 = |
| 18 ÷ 2 🞩1 = |  | 45 ─ 5 + 49 = |
| 9 🞩 1 = |  | 40 + 49 = |
| 9 |  | 89 |

|  |  |  |
| --- | --- | --- |
| 1. 26 + (40 ─ 5 ÷ 5) = |  | 1. (12 – 13 🞩 4) +17= |
| 26 + (40 ─ 1) = |  | (12 – 1 🞩 4) +17= |
| 26 + 39 = |  | (12 – 4) +17= |
| 64 + 39 = |  | 8 + 17 = |
| 103 |  | 25 |