

100 Additions avec des nombres entiers de 10 à 19 inclus

- 1 10 + 11 = 11 12 19 15 15
 2 12 + 10 = + 10 + 10 + 12 + 15 + 11
 3 12 + 19 =
 4 15 + 15 =
 5 11 + 15 =
- 6 19 + 19 = 19 16 14 13 12
 7 15 + 16 = + 19 + 15 + 11 + 10 + 11
 8 14 + 11 =
 9 13 + 10 =
 10 12 + 11 =

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- 11 12 + 14 = 14 15 19 17 18
 12 15 + 14 = + 12 + 14 + 19 + 15 + 13
 13 19 + 19 =
 14 15 + 17 =
 15 13 + 18 =
- 16 15 + 19 = 19 14 19 18 17
 17 13 + 14 = + 15 + 13 + 16 + 11 + 13
 18 16 + 19 =
 19 11 + 18 =
 20 17 + 13 =

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$$\begin{array}{rclclclclcl}
 21 & 12 & + & 19 & = & & & & & & \\
 22 & 13 & + & 16 & = & & + & \underline{12} & + & \underline{13} & + & \underline{15} & + & \underline{18} & + & \underline{14} \\
 23 & 18 & + & 15 & = & & & & & & & & & & & \\
 24 & 18 & + & 18 & = & & & & & & & & & & & \\
 25 & 15 & + & 14 & = & & & & & & & & & & &
 \end{array}$$

$$\begin{array}{rclclclclcl}
 26 & 15 & + & 17 & = & & & & & & \\
 27 & 17 & + & 17 & = & & + & \underline{15} & + & \underline{17} & + & \underline{12} & + & \underline{11} & + & \underline{16} \\
 28 & 12 & + & 17 & = & & & & & & & & & & & \\
 29 & 11 & + & 11 & = & & & & & & & & & & & \\
 30 & 18 & + & 16 & = & & & & & & & & & & &
 \end{array}$$

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$$\begin{array}{rclclclclcl}
 31 & 16 & + & 10 & = & & & & & & \\
 32 & 11 & + & 10 & = & & + & \underline{10} & + & \underline{10} & + & \underline{12} & + & \underline{15} & + & \underline{16} \\
 33 & 12 & + & 17 & = & & & & & & & & & & & \\
 34 & 18 & + & 15 & = & & & & & & & & & & & \\
 35 & 16 & + & 17 & = & & & & & & & & & & &
 \end{array}$$

$$\begin{array}{rclclclclcl}
 36 & 12 & + & 15 & = & & & & & & \\
 37 & 15 & + & 14 & = & & + & \underline{12} & + & \underline{14} & + & \underline{12} & + & \underline{11} & + & \underline{14} \\
 38 & 12 & + & 12 & = & & & & & & & & & & & \\
 39 & 11 & + & 12 & = & & & & & & & & & & & \\
 40 & 14 & + & 17 & = & & & & & & & & & & &
 \end{array}$$

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$$\begin{array}{rclclclclcl}
 41 & 13 & + & 11 & = & & 13 & & 15 & & 15 & & 13 & & 12 \\
 42 & 12 & + & 15 & = & & + & \underline{11} & + & \underline{12} & + & \underline{13} & + & \underline{11} & + & \underline{11} \\
 43 & 15 & + & 13 & = & & & & & & & & & & & \\
 44 & 13 & + & 11 & = & & & & & & & & & & & \\
 45 & 11 & + & 12 & = & & & & & & & & & & &
 \end{array}$$

$$\begin{array}{rclclclclcl}
 46 & 16 & + & 18 & = & & 18 & & 17 & & 16 & & 17 & & 17 \\
 47 & 15 & + & 17 & = & & + & \underline{16} & + & \underline{15} & + & \underline{14} & + & \underline{10} & + & \underline{15} \\
 48 & 16 & + & 14 & = & & & & & & & & & & & \\
 49 & 10 & + & 17 & = & & & & & & & & & & & \\
 50 & 17 & + & 15 & = & & & & & & & & & & &
 \end{array}$$

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$$\begin{array}{rclclclclcl}
 51 & 11 & + & 14 & = & & 14 & & 14 & & 19 & & 18 & & 18 \\
 52 & 13 & + & 14 & = & & + & \underline{11} & + & \underline{13} & + & \underline{15} & + & \underline{18} & + & \underline{16} \\
 53 & 15 & + & 19 & = & & & & & & & & & & & \\
 54 & 18 & + & 18 & = & & & & & & & & & & & \\
 55 & 18 & + & 16 & = & & & & & & & & & & &
 \end{array}$$

$$\begin{array}{rclclclclcl}
 56 & 18 & + & 14 & = & & 18 & & 13 & & 18 & & 19 & & 14 \\
 57 & 13 & + & 10 & = & & + & \underline{14} & + & \underline{10} & + & \underline{16} & + & \underline{11} & + & \underline{12} \\
 58 & 18 & + & 16 & = & & & & & & & & & & & \\
 59 & 19 & + & 11 & = & & & & & & & & & & & \\
 60 & 12 & + & 14 & = & & & & & & & & & & &
 \end{array}$$

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|----|-----------|------|------|------|------|------|
| 61 | 12 + 11 = | 12 | 18 | 17 | 17 | 19 |
| 62 | 18 + 18 = | + 11 | + 18 | + 11 | + 17 | + 16 |
| 63 | 11 + 17 = | | | | | |
| 64 | 17 + 17 = | | | | | |
| 65 | 16 + 19 = | | | | | |

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|----|-----------|------|------|------|------|------|
| 66 | 18 + 14 = | 18 | 16 | 16 | 18 | 15 |
| 67 | 14 + 16 = | + 14 | + 14 | + 13 | + 17 | + 12 |
| 68 | 13 + 16 = | | | | | |
| 69 | 18 + 17 = | | | | | |
| 70 | 12 + 15 = | | | | | |

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|----|-----------|------|------|------|------|------|
| 71 | 18 + 14 = | 18 | 17 | 18 | 11 | 19 |
| 72 | 17 + 11 = | + 14 | + 11 | + 12 | + 10 | + 18 |
| 73 | 12 + 18 = | | | | | |
| 74 | 11 + 10 = | | | | | |
| 75 | 19 + 18 = | | | | | |

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|----|-----------|------|------|------|------|------|
| 76 | 13 + 12 = | 13 | 17 | 19 | 12 | 15 |
| 77 | 17 + 12 = | + 12 | + 12 | + 14 | + 11 | + 10 |
| 78 | 14 + 19 = | | | | | |
| 79 | 12 + 11 = | | | | | |
| 80 | 15 + 10 = | | | | | |

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|----|-----------|-------------|-------------|-------------|-------------|-------------|
| 81 | 15 + 10 = | 15 | 14 | 17 | 17 | 19 |
| 82 | 13 + 14 = | + <u>10</u> | + <u>13</u> | + <u>13</u> | + <u>12</u> | + <u>14</u> |
| 83 | 13 + 17 = | | | | | |
| 84 | 12 + 17 = | | | | | |
| 85 | 19 + 14 = | | | | | |

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|----|-----------|-------------|-------------|-------------|-------------|-------------|
| 86 | 19 + 16 = | 19 | 18 | 18 | 12 | 14 |
| 87 | 18 + 14 = | + <u>16</u> | + <u>14</u> | + <u>14</u> | + <u>10</u> | + <u>12</u> |
| 88 | 18 + 14 = | | | | | |
| 89 | 10 + 12 = | | | | | |
| 90 | 14 + 12 = | | | | | |

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|----|-----------|-------------|-------------|-------------|-------------|-------------|
| 91 | 14 + 11 = | 14 | 14 | 12 | 19 | 15 |
| 92 | 13 + 14 = | + <u>11</u> | + <u>13</u> | + <u>11</u> | + <u>14</u> | + <u>15</u> |
| 93 | 12 + 11 = | | | | | |
| 94 | 19 + 14 = | | | | | |
| 95 | 15 + 15 = | | | | | |

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|-----|-----------|-------------|-------------|-------------|-------------|-------------|
| 96 | 10 + 10 = | 10 | 12 | 13 | 16 | 14 |
| 97 | 11 + 12 = | + <u>10</u> | + <u>11</u> | + <u>11</u> | + <u>11</u> | + <u>10</u> |
| 98 | 11 + 13 = | | | | | |
| 99 | 11 + 16 = | | | | | |
| 100 | 14 + 10 = | | | | | |

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