

**Puzzle 1**

Place a number card in each space to make the equations true. Each number 0-9 can only be used once.

|                         |                         |
|-------------------------|-------------------------|
| $6 = \square + \square$ | $6 = \square + \square$ |
| $6 = \square - \square$ | $6 = \square - 2$       |
| $6 = \square - \square$ | $6 = \square - 1$       |

**Puzzle 2**

Place a number card in each space to make the equations true. Each number 0–9 can only be used once.

|                         |                         |
|-------------------------|-------------------------|
| $7 = \square + \square$ | $7 = \square + \square$ |
| $7 = \square - \square$ | $7 = \square - 2$       |
| $7 = \square + \square$ | $7 = \square - 1$       |

**Puzzle 3**

Place a number card in each space to make the equations true. Each number 0-9 can only be used once. Some cards will be leftover.

|                                                         |                                                         |
|---------------------------------------------------------|---------------------------------------------------------|
| $\begin{array}{r} 8 = \\ \square + \square \end{array}$ | $\begin{array}{r} 8 = \\ \square + \square \end{array}$ |
| $\begin{array}{r} 8 = \\ \square - 0 \end{array}$       | $\begin{array}{r} 8 = \\ \square - 1 \end{array}$       |

**Puzzle 4**

Place a number card in each space to make the equations true. Each number 0–9 can only be used once.

|                                                        |                                                        |
|--------------------------------------------------------|--------------------------------------------------------|
| $9 =$<br><div><div></div><div>+</div><div></div></div> | $9 =$<br><div><div></div><div>+</div><div></div></div> |
| $9 =$<br><div><div></div><div>+</div><div></div></div> | $9 =$<br><div><div></div><div>+</div><div></div></div> |

**Puzzle 5**

Place a number card in each space to make the equations true. Each number 0–9 can only be used once. Some cards will be leftover.

|                    |                          |
|--------------------|--------------------------|
| $10 = \square + 5$ | $10 = \square + \square$ |
| $10 = 8 + \square$ | $10 = \square + \square$ |
| $10 = \square + 2$ |                          |

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

**Puzzle 1**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once. Some cards will be left over.

|                            |                            |
|----------------------------|----------------------------|
| $11 = \square + \square$   | $11 = 1 \square - \square$ |
| $11 = 1 \square + \square$ | $11 = 1 \square - 2$       |
| $11 = 1 \square - 8$       | $11 = 1 \square - 1$       |

**Puzzle 2**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once. Some cards will be left over.

|                          |                          |
|--------------------------|--------------------------|
| $14 = \square + \square$ | $14 = \square + 7$       |
| $14 = 8 + \square$       | $14 = \square - 4$       |
| $14 = \square - \square$ | $14 = \square - \square$ |

**Puzzle 3**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once. Some cards will be left over.

|                                            |                                            |
|--------------------------------------------|--------------------------------------------|
| $17 = 1$<br><div></div> $+$<br><div></div> | $17 = 1$<br><div></div> $-$<br><div></div> |
| $17 = 1$<br><div></div> $-$<br><div></div> | $17 = 1$<br><div></div> $+$<br><div></div> |
| $17 = 1$<br><div></div> $+$<br><div></div> | $17 = 1$<br><div></div> $-$<br><div></div> |

# **Puzzle 4**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once.

|                                                                                                                                                                                                            |                                                                                                                                                                                                            |                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $18 = 1$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> $+$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> | $18 = 1$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> $+$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> | $18 = 1$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> $+$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> |
| $18 = 1$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> $+$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> | $18 = 1$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> $+$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> | $18 = 1$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> $-$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> |
| $18 = 1$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> $+$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> | $18 = 1$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> $+$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> | $18 = 1$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> $-$<br><div style="border: 1px dashed black; width: 50px; height: 50px; margin: 10px auto;"></div> |

**Puzzle 5**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once. Some cards will be left over.

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| $19 = 1$<br><div></div> $+$ <div></div> | $19 = 1$<br><div></div> $+$ <div></div> |
| $19 = 1$<br><div></div> $+$ <div></div> | $19 = 1$<br><div></div> $+$ <div></div> |
| $19 = 1$<br><div></div> $-$ <div></div> | $19 = 1$<br><div></div> $+$ <div></div> |

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

**Puzzle 1**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once. Some cards will be left over.

|                     |                     |
|---------------------|---------------------|
| $75 = 71 + \square$ | $75 = \square + 70$ |
| $75 = \square + 65$ | $75 = 43 + \square$ |

**Puzzle 2**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once.  
Some cards will be left over.

|                                  |                                  |
|----------------------------------|----------------------------------|
| $98 = 47 + \boxed{\phantom{00}}$ | $98 = 1\boxed{\phantom{00}}$     |
| $98 = \boxed{\phantom{00}} + 95$ | $98 = \boxed{\phantom{00}} + 88$ |

**Puzzle 3**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once. Some cards will be left over.

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| $46 = \boxed{\phantom{0}}0 + 16$ | $46 = \boxed{\phantom{0}}\boxed{\phantom{0}} + \boxed{\phantom{0}}\boxed{\phantom{0}}$ |
| $46 = \boxed{\phantom{0}} + 42$  | $46 = 31 + \boxed{\phantom{0}}\boxed{\phantom{0}}$                                     |

### Puzzle 4

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once.

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| $98 = 97 + \boxed{\phantom{00}}$   | $98 = 9 \boxed{\phantom{00}} + 2$                     |
| $98 = \boxed{\phantom{00}} 0 + 8$  | $98 = 58 + \boxed{\phantom{00}} 0$                    |
| $98 = \boxed{\phantom{00}} 0 + 68$ | $98 = 78 + \boxed{\phantom{00}} \boxed{\phantom{00}}$ |
| $98 = 22 + \boxed{\phantom{00}} 6$ | $98 = \boxed{\phantom{00}} \boxed{\phantom{00}} + 13$ |

**Puzzle 5**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once.

|                                                    |                                                    |
|----------------------------------------------------|----------------------------------------------------|
| $59 = \boxed{\phantom{0}}0 + 9$                    | $59 = 55 + \boxed{\phantom{0}}$                    |
| $59 = \boxed{\phantom{0}} + 52$                    | $59 = 47 + \boxed{\phantom{0}} + 1$                |
| $59 = 1\boxed{\phantom{0}} + 41$                   | $59 = 33 + 2\boxed{\phantom{0}}$                   |
| $59 = \boxed{\phantom{0}}\boxed{\phantom{0}} + 29$ | $59 = 40 + \boxed{\phantom{0}}\boxed{\phantom{0}}$ |

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

### Puzzle 1

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once. Some cards will be left over.

|                             |                              |
|-----------------------------|------------------------------|
| $63 = 5 \square + 8$        | $63 = 5 \square + \square$   |
| $63 = 1 \square + 52$       | $63 = 3 \square + \square 9$ |
| $63 = \square \square + 24$ | $63 = 3 \square + 25$        |

**Puzzle 2**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once.  
Some cards will be left over.

|                             |                            |
|-----------------------------|----------------------------|
| $80 = \square + 41$         | $80 = \square 3 + 7$       |
| $80 = 27 + \square \square$ | $80 = \square + 6 \square$ |
| $80 = \square \square + 16$ | $80 = 5 \square + 29$      |

**Puzzle 3**

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once. Some cards will be left over.

|                              |                              |
|------------------------------|------------------------------|
| $27 = 1 \square + 14$        | $27 = 1 \square + 1 \square$ |
| $27 = 9 + \square \square$   | $27 = 2 \square + 3$         |
| $2 \square = 1 \square + 11$ | $27 = 1 \square + 8$         |

**Puzzle 4**

Place a digit card in each space to make the equations true. Each digit 0–9 can only be used once.

|                                                        |                                                       |
|--------------------------------------------------------|-------------------------------------------------------|
| $92 = \boxed{\phantom{00}} \boxed{\phantom{00}} + 6$   | $92 = \boxed{\phantom{00}} + 83$                      |
| $92 = 7 \boxed{\phantom{00}} + 1 \boxed{\phantom{00}}$ | $92 = 9 \boxed{\phantom{00}} + \boxed{\phantom{00}}$  |
| $92 = 39 + 5 \boxed{\phantom{00}}$                     | $92 = 78 + \boxed{\phantom{00}} \boxed{\phantom{00}}$ |

### Puzzle 5

Place a digit card in each space to make the equations true. Each digit 0-9 can only be used once. Some cards will be left over.

|                                                                                                                                         |                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| $46 =$ <div style="display: inline-block; border: 1px dashed black; width: 40px; height: 40px; vertical-align: middle;"></div> $+$ $23$ | $46 =$ <div style="display: inline-block; border: 1px dashed black; width: 40px; height: 40px; vertical-align: middle;"></div> $+$ $31$ |
| $46 =$ <div style="display: inline-block; border: 1px dashed black; width: 40px; height: 40px; vertical-align: middle;"></div> $+$ $5$  | $46 =$ <div style="display: inline-block; border: 1px dashed black; width: 40px; height: 40px; vertical-align: middle;"></div> $+$ $7$  |
| $46 =$ <div style="display: inline-block; border: 1px dashed black; width: 40px; height: 40px; vertical-align: middle;"></div> $+$ $10$ | $46 =$ <div style="display: inline-block; border: 1px dashed black; width: 40px; height: 40px; vertical-align: middle;"></div> $+$ $8$  |

### Puzzle 1

Fill in digits to make each equation true.  
You may only use each digit (0-9) once.

$$\boxed{\phantom{0}} \boxed{5} \boxed{0} + \boxed{\phantom{0}} \boxed{5} \boxed{0} = 700$$

$$\boxed{8} \boxed{\phantom{0}} \boxed{2} - \boxed{\phantom{0}} \boxed{2} \boxed{1} = 371$$

$$\boxed{\phantom{0}} \boxed{2} \boxed{9} + \boxed{1} \boxed{2} \boxed{\phantom{0}} = 456$$

$$\boxed{\phantom{0}} \boxed{0} \boxed{0} - \boxed{1} \boxed{5} \boxed{\phantom{0}} = 442$$

$$\boxed{3} \boxed{5} \boxed{\phantom{0}} - \boxed{1} \boxed{0} \boxed{\phantom{0}} = 251$$

**Puzzle 2**

Fill in digits to make each equation true.  
You may only use each digit (0-9) once.

$$150 + \boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{\phantom{0}} = 759$$

$$\boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{\phantom{0}} - 187 = \boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{\phantom{0}}$$

$$\boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{\phantom{0}} + \boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{\phantom{0}} = 668$$

$$\boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{\phantom{0}} - 531 = 111$$

$$\boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{\phantom{0}} + 322 = 773$$

### Puzzle 3

Fill in digits to make each equation true.  
You may only use each digit (0-9) once.

$$\boxed{\phantom{0}} \boxed{4} \boxed{0} + \boxed{\phantom{0}} \boxed{6} \boxed{0} = 800$$

$$\boxed{\phantom{0}} \boxed{0} \boxed{0} - \boxed{\phantom{0}} \boxed{5} \boxed{5} = 545$$

$$351 + \boxed{4} \boxed{\phantom{0}} \boxed{\phantom{0}} = 818$$

$$541 - \boxed{2} \boxed{\phantom{0}} \boxed{\phantom{0}} = 257$$

$$785 - 682 = \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{3}$$

# **Puzzle 4**

Fill in digits to make each equation true.  
You may only use each digit (0-9) once.

$$\boxed{\phantom{0}}\boxed{0}\boxed{5} + \boxed{1}\boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{7} = 912$$

$$\boxed{\phantom{0}}\boxed{0}\boxed{0} - 271 = \boxed{3}\boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{9}$$

$$\boxed{\phantom{0}}\boxed{2}\boxed{8} + \boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{5}\boxed{6} = 484$$

$$\boxed{\phantom{0}}\boxed{0}\boxed{5} - 100 = \boxed{6}\boxed{0}\boxed{\phantom{0}}\boxed{\phantom{0}}$$

$$\boxed{2}\boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{3} + \boxed{3}\boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{2} = 635$$

### Puzzle 1

Find digits that make each equation true.  
You may only use each digit (0-9) once.

$$\boxed{1} \boxed{7} \boxed{8} \boxed{\phantom{0}} + \boxed{6} \boxed{2} \boxed{1} \boxed{\phantom{0}} = 8,000$$

$$\boxed{\phantom{0}} \boxed{7} \boxed{3} \boxed{1} + \boxed{3} \boxed{7} \boxed{1} \boxed{\phantom{0}} = 8,446$$

$$\boxed{\phantom{0}} \boxed{2} \boxed{1} \boxed{\phantom{0}} - 1,541 = 1,676$$

$$\boxed{2} \boxed{0} \boxed{0} \boxed{\phantom{0}} + \boxed{\phantom{0}} \boxed{7} \boxed{3} \boxed{5} = 4,735$$

$$\boxed{\phantom{0}} \boxed{0} \boxed{0} \boxed{0} - 1,789 = \boxed{\phantom{0}} \boxed{2} \boxed{1} \boxed{1}$$

### Puzzle 2

Fill in digits to make each equation true.  
You may only use each digit (0-9) once.

$$\boxed{3} \boxed{7} \boxed{9} \boxed{\phantom{0}} + 1,207 = \boxed{\phantom{0}} \boxed{0} \boxed{0} \boxed{0}$$

$$\boxed{2} \boxed{\phantom{0}} \boxed{1} \boxed{2} + \boxed{4} \boxed{\phantom{0}} \boxed{3} \boxed{0} = 6,842$$

$$\boxed{1} \boxed{0} \boxed{\phantom{0}} \boxed{1} + \boxed{\phantom{0}} \boxed{0} \boxed{0} \boxed{7} = 8,008$$

$$\boxed{\phantom{0}} \boxed{2} \boxed{0} \boxed{1} - \boxed{5} \boxed{2} \boxed{0} \boxed{\phantom{0}} = 3,000$$

$$\boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{3} \boxed{2} - 1,332 = 3,600$$

### Puzzle 3

Fill in digits to make each equation true.  
You may only use each digit (0-9) once.

$$5,000 - \boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{2}\boxed{1}\boxed{\phantom{0}} = 1,783$$

$$\boxed{\phantom{0}}\boxed{2}\boxed{5}\boxed{\phantom{0}} + 3,241 = 4,500$$

$$\boxed{4}\boxed{\phantom{0}}\boxed{1}\boxed{0} - \boxed{1}\boxed{4}\boxed{\phantom{0}}\boxed{1} = 3,349$$

$$\boxed{2}\boxed{3}\boxed{2}\boxed{\phantom{0}} + \boxed{\phantom{0}}\boxed{6}\boxed{7}\boxed{5} = 7,000$$

$$\boxed{3}\boxed{\phantom{0}}\boxed{0}\boxed{0} + \boxed{4}\boxed{5}\boxed{0}\boxed{\phantom{0}} = 7,700$$

### Puzzle 4

Fill in digits to make each equation true.  
You may only use each digit (0-9) once.

$$\boxed{2} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{0} \boxed{2} + \boxed{3} \boxed{0} \boxed{0} \boxed{0} \boxed{\phantom{0}} = 5,005$$

$$\boxed{8} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{3} \boxed{1} - \boxed{7} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{2} \boxed{0} = 1,111$$

$$\boxed{\phantom{0}} \boxed{3} \boxed{5} \boxed{2} + \boxed{\phantom{0}} \boxed{4} \boxed{2} \boxed{6} = 5,778$$

$$\boxed{\phantom{0}} \boxed{3} \boxed{0} \boxed{2} - \boxed{4} \boxed{3} \boxed{0} \boxed{\phantom{0}} = 1,000$$

$$\boxed{1} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{1} \boxed{0} + 7,200 = \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{0} \boxed{1} \boxed{0}$$