

SOLUTION PAS A PAS

| GRILLE 650_11 | | | ETAPE : 1 | | | solution proposée par Philippe www.sudokupasapas.fr | | | | | |
|---------------|-------|-------|-----------|-------|----|--|-----|-----|-----|---|---|
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | | | |
| L1 | 2 | 4 | 5 | 8 | 1 | 3 | 9 | 2 | 2 | 6 | |
| L2 | 6 | 8 | 7 | 5 | 2 | 4 | 1 | 5 | 3 | 1 | 6 |
| L3 | 2 3 | 2 3 | 1 | 5 | 6 | 7 | 4 5 | 4 5 | 2 | 2 | |
| L4 | 2 3 | 2 3 | 2 3 | 6 | 4 | 5 | 3 | 1 | 2 | 2 | |
| L5 | 5 | 1 2 | 6 | 7 | 3 | 1 2 | 6 | 2 | 8 9 | 4 | |
| L6 | 1 2 3 | 1 2 3 | 6 | 4 | 9 | 1 2 | 3 | 2 | 5 | 5 | |
| L7 | 1 2 3 | 1 2 3 | 2 3 | 1 2 3 | 5 | 6 | 1 | 4 | 4 | X | |
| L8 | 1 3 | 1 3 | 3 | 1 3 | 7 | 9 | 2 | 4 5 | 1 | 1 | |
| L9 | 7 | 1 2 | 2 | 1 2 | 8 | 1 2 | 1 | 4 5 | 6 | 3 | |

11 placements

RG

2 6

L1C1

RVB

23 L3C12

8 L3C9

1 L8C9 X L7C9

45 L39C7

SOLUTION PAS A PAS

| | GRILLE 650_11 | | | ETAPE : 3 | | | solution proposée par Philippe www.sudokupasapas.fr | | |
|----|-----------------|---------------|---------------|------------|----|----------|--|----------------|--------|
| | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 |
| L1 | 6 | 4 | 5 | 8 | 1 | 3 | 9 | 2 7 | 2 7 |
| L2 | 9 | 8 | 7 | 5 | 2 | 4 | 1 | 3 | 6 |
| L3 | 2 3 | 2 3 | 1 | 9 | 6 | 7 | 4 5 | 4 5 | 8 |
| L4 | 2 3 8 | 2 3 7 9 | 2 3 8 9 | 6 | 4 | 5 | 3 7 8 | 1 7 9 | 2 |
| L5 | 5 | 1 2 6 9 | 2 6 8 9 | 7 | 3 | 1 2 8 | 6 8 9 | 2 | 4 |
| L6 | 1 2 3 8 | 1 2 3 7 6 | 4 | 1 2 | 9 | 1 2 8 | 3 7 8 6 | 2 7 8 | 5 |
| L7 | 1 2 3 4 8 | 1 2 3 | 2 3 8 | 1 2 3 4 | 5 | 6 | 1 4 7 8 | 4 7 8 9 | 7 9 |
| L8 | 4 8 | 3 5 6 | 3 6 8 | 3 4 | 7 | 9 | 2 | 4 5 8 | 1 |
| L9 | 7 | 1 2 5 9 | 2 9 | 1 2 4 | 8 | 1 2 | 4 5 | 6 | 3 |

~~2~~ L3C8 (27 L1C89)

~~4~~ L7C7 (45 L39C7)

SOLUTION PAS A PAS

| GRILLE 650_11 | | | ETAPE : 4 | | | solution proposée par Philippe www.sudokupasapas.fr | | | |
|---------------|------------|-----------------------|------------|------------|----------|--|-------------------|----------|--------|
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | |
| L1 | 6 | 4 | 5 | 8 | 1 | 3 | 9 | 2 7 | 2 7 |
| L2 | 9 | 8 | 7 | 5 | 2 | 4 | 1 | 3 | 6 |
| L3 | 2 3 | 2 3 | 1 | 9 | 6 | 7 | 4 5 | 4 5 | 8 |
| L4 | 2 3 8 | 2 3 7 9 | 2 3 8 9 | 6 | 4 | 5 8 | 3 8 | 1 7 9 | 2 |
| L5 | 5 | 1 2 9 | 2 6 8 9 | 7 | 3 | 1 2 8 | 6 8 | 2 8 9 | 4 |
| L6 | 1 2 3 8 | 1 2 3 7 6 | 4 | 9 | 1 2 8 | 1 2 7 8 | 3 6 | 2 7 8 | 5 |
| L7 | 1 2 3 4 | 1 2 3 8 | 2 3 8 | 1 2 3 4 | 5 6 | 7 8 | 4 7 8 9 | 7 9 | 9 |
| L8 | 4 8 | 3 5 6 | 3 8 | 3 4 | 3 7 | 9 | 2 | 4 5 8 | 1 |
| L9 | 7 | 1 2 5 9 | 2 9 | 1 2 4 | 8 | 1 2 | 4 5 | 6 | 3 |

RG 6 8 L5C7

RVR 7 L4C2

RVB 7 L7C7 ~~3~~ L4C7
3 L4C7 ~~8~~ L4C2
9 L7C9
9 L5C8
8 L6C6
33 L78C3

SOLUTION PAS A PAS

| | GRILLE 650_11 | | | ETAPE : 5 | | | solution proposée par Philippe www.sudokupasapas.fr | | |
|----|---------------|-------|-----|-----------|----|-----|--|-------|-----|
| | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 |
| L1 | 6 | 4 | 5 | 8 | 1 | 3 | 9 | 2 | 2 |
| L2 | 9 | 8 | 7 | 5 | 2 | 4 | 1 | 3 | 6 |
| L3 | 2 3 | 2 3 | 1 | 9 | 6 | 7 | 4 5 | 4 5 | 8 |
| L4 | 2 3 | 2 | 2 3 | 6 | 4 | 5 | 3 | 1 | 2 |
| L5 | 5 | 1 2 | 6 | 7 | 3 | 1 2 | 6 | 2 | 4 |
| L6 | 1 2 3 | 1 2 3 | 4 | 1 2 | 9 | 1 2 | 3 6 | 2 | 5 |
| L7 | 1 2 3 | 1 2 3 | 2 3 | 1 2 3 | 5 | 6 | 4 | 7 8 9 | 7 9 |
| L8 | 4 | 3 | 5 6 | 3 4 | 7 | 9 | 2 | 4 5 | 1 |
| L9 | 7 | 1 2 | 2 | 4 2 | 8 | 1 2 | 4 5 | 6 | 3 |

RG 4 5 L3C7

RVB

6 L8C3
3 L8C4

RVR

9 L9C3
12 L9C46
88 L7C78
8 L6C6 (RU 12 L69C46)
27 L16C8
79 L4C29
2 L1C9
7 L1C8
2 L6C8
1 L6C4 ✕ L9C4
2 L5C6

SOLUTION PAS A PAS

| GRILLE 650_11 | | | ETAPE : 6 | | | solution proposée par Philippe www.sudokupasapas.fr | | | |
|---------------|-----------------|---------------------|---------------|---------------------|----|--|---------------|------------|--------|
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | |
| L1 | 6 | 4 | 5 | 8 | 1 | 3 | 9 | 2 7 | 2 7 |
| L2 | 9 | 8 | 7 | 5 | 2 | 4 | 1 | 3 | 6 |
| L3 | 2 3 | 2 3 | 1 | 9 | 6 | 7 | 4 5 | 4 5 | 8 |
| L4 | 2 3 8 | 2 7 9 | 2 3 8 9 | 6 | 4 | 5 | 3 8 | 1 7 9 | 2 |
| L5 | 5 | 1 2 6 9 | 2 6 8 9 | 7 | 3 | 1 2 8 | 2 6 8 9 | 4 | |
| L6 | 1 2 3 8 | 1 2 3 7 6 | 4 | 1 2 | 9 | 1 2 8 | 3 6 7 8 | 2 7 8 | 5 |
| L7 | 1 2 3 4 8 | 1 2 3 | 2 3 8 | 1 2 3 4 | 5 | 6 | 7 8 | 4 7 8 9 | 7 9 |
| L8 | 4 8 | 3 5 6 | 3 6 8 | 3 7 9 | 7 | 9 | 2 4 5 8 | 1 | |
| L9 | 7 | 1 2 5 | 2 9 | 4 2 | 8 | 1 2 | 4 5 | 6 | 3 |

EXTENSION RG

RVR

| | | | |
|---|------|--------------|------|
| 1 | L9C6 | | |
| 3 | L6C1 | 3 | L8C1 |
| 2 | L3C1 | | |
| 8 | L4C1 | | |
| 1 | L7C1 | | |
| 4 | L8C1 | 4 | L8C4 |

VALIDATION 3 L8C4

SOLUTION PAS A PAS

| GRILLE 650_11 | | | ETAPE : 7 | | | solution proposée par Philippe www.sudokupasapas.fr | | |
|---------------|-------|-----|-----------|----|-----|--|-------|-----|
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 |
| 6 | 4 | 5 | 8 | 1 | 3 | 9 | 2 | 2 |
| 9 | 8 | 7 | 5 | 2 | 4 | 1 | 3 | 6 |
| 2 3 | 2 3 | 1 | 9 | 6 | 7 | 4 5 | 4 5 | 8 |
| 2 3 | 2 | 2 3 | 6 | 4 | 5 | 3 | 1 | 2 |
| 8 | 7 9 | 8 9 | | | | 8 | 7 9 | 9 |
| 5 | 1 2 | 6 | 7 | 3 | 1 2 | 6 | 2 | 4 |
| | | 8 9 | | | 8 | 8 | 8 9 | |
| 1 2 3 | 1 2 3 | 4 | 1 2 | 9 | 1 2 | 3 6 | 2 | 5 |
| 8 | 7 | | | | 8 | 7 8 | 7 8 | |
| 1 2 3 | 1 2 3 | 2 3 | 1 2 | 5 | 6 | | 4 | |
| 4 | | 8 | 4 | | | 7 8 | 7 8 9 | 7 9 |
| 4 | 5 6 | 8 6 | 3 | 7 | 9 | 2 | 4 5 | 1 |
| 8 | | | | | | | 8 | |
| 7 | 1 2 | 2 | 4 2 | 8 | 1 2 | 4 5 | 6 | 3 |
| | 5 | 9 | | | | | | |

EXTENSION RG

| | | |
|-----|---|------|
| RVR | 4 | L7C4 |
| 3 | 7 | L7C7 |
| 2 | 8 | L7C8 |
| 3 | 9 | L7C9 |
| 7 | | |
| 1 | | |
| 9 | | |
| 2 | | |
| 3 | | |
| 7 | | |
| 9 | | |
| 8 | | |
| 6 | | |

SOLUTION PAS A PAS

| | GRILLE 650_11 | | | SOLUTION | | | solution proposée par Philippe www.sudokupasapas.fr | | |
|----|---------------|----|----|----------|----|----|--|----|----|
| | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 |
| L1 | 6 | 4 | 5 | 8 | 1 | 3 | 9 | 7 | 2 |
| L2 | 9 | 8 | 7 | 5 | 2 | 4 | 1 | 3 | 6 |
| L3 | 2 | 3 | 1 | 9 | 6 | 7 | 5 | 4 | 8 |
| L4 | 8 | 9 | 2 | 6 | 4 | 5 | 3 | 1 | 7 |
| L5 | 5 | 1 | 6 | 7 | 3 | 2 | 8 | 9 | 4 |
| L6 | 3 | 7 | 4 | 1 | 9 | 8 | 6 | 2 | 5 |
| L7 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| L8 | 4 | 6 | 8 | 3 | 7 | 9 | 2 | 5 | 1 |
| L9 | 7 | 5 | 9 | 2 | 8 | 1 | 4 | 6 | 3 |