

Sommes de trois entiers différents compris entre 1 et 9

$$6 = 1 + 2 + 3$$

$$7 = 1 + 2 + 4$$

$$8 = 1 + 2 + 5 \\ = 1 + 3 + 4$$

$$9 = 1 + 2 + 6 \\ = 1 + 3 + 5 \\ = 2 + 3 + 4$$

$$10 = 1 + 2 + 7 \\ = 1 + 3 + 6 \\ = 1 + 4 + 5 \\ = 2 + 3 + 5$$

$$11 = 1 + 2 + 8 \\ = 1 + 3 + 7 \\ = 1 + 4 + 6 \\ = 2 + 3 + 6 \\ = 2 + 4 + 5$$

$$12 = 1 + 2 + 9 \\ = 1 + 3 + 8 \\ = 1 + 4 + 7 \\ = 1 + 5 + 6 \\ = 2 + 3 + 7 \\ = 2 + 4 + 6 \\ = 3 + 4 + 5$$

$$13 = 1 + 3 + 9 \\ = 1 + 4 + 8 \\ = 1 + 5 + 7 \\ = 2 + 3 + 8 \\ = 2 + 4 + 7 \\ = 2 + 5 + 6 \\ = 3 + 4 + 6$$

$$14 = 1 + 4 + 9 \\ = 1 + 5 + 8 \\ = 1 + 6 + 7 \\ = 2 + 3 + 9 \\ = 2 + 4 + 8 \\ = 2 + 5 + 7 \\ = 3 + 4 + 7 \\ = 3 + 5 + 6$$

$$15 = 1 + 5 + 9 \\ = 1 + 6 + 8 \\ = 2 + 4 + 9 \\ = 2 + 5 + 8 \\ = 2 + 6 + 7 \\ = 3 + 4 + 8 \\ = 3 + 5 + 7 \\ = 4 + 5 + 6$$

$$16 = 1 + 6 + 9 \\ = 1 + 7 + 8 \\ = 2 + 5 + 9 \\ = 2 + 6 + 8 \\ = 3 + 4 + 9 \\ = 3 + 5 + 8 \\ = 3 + 6 + 7 \\ = 4 + 5 + 7$$

$$17 = 1 + 7 + 9 \\ = 2 + 6 + 9 \\ = 2 + 7 + 8 \\ = 3 + 5 + 9 \\ = 3 + 6 + 8 \\ = 4 + 5 + 8 \\ = 4 + 6 + 7$$

$$18 = 1 + 8 + 9 \\ = 2 + 7 + 9 \\ = 3 + 6 + 9 \\ = 3 + 7 + 8 \\ = 4 + 5 + 9 \\ = 4 + 6 + 8 \\ = 5 + 6 + 7$$

$$19 = 2 + 8 + 9 \\ = 3 + 7 + 9 \\ = 4 + 6 + 9 \\ = 4 + 7 + 8 \\ = 5 + 6 + 8$$

$$20 = 3 + 8 + 9 \\ = 4 + 7 + 9 \\ = 5 + 6 + 9 \\ = 5 + 7 + 8$$

$$21 = 4 + 8 + 9 \\ = 5 + 7 + 9 \\ = 6 + 7 + 8$$

$$22 = 5 + 8 + 9 \\ = 6 + 7 + 9$$

$$23 = 6 + 8 + 9$$

$$24 = 7 + 8 + 9$$