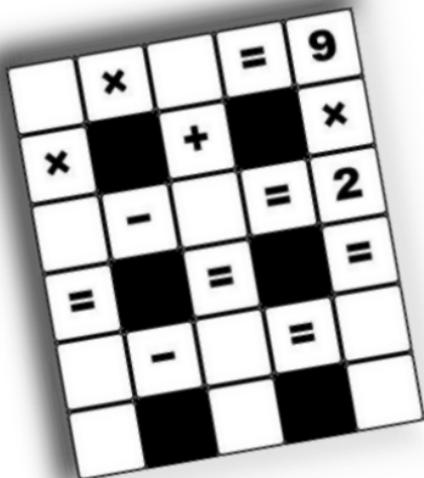


# + x Calculogic ÷ -

Utilisez votre logique et votre sens de la déduction pour remplir chacune des grilles en complétant chaque case par un chiffre compris entre 0 et 9.

Les grilles sont classées en 5 niveaux de difficulté, de très facile à expert pour les plus habiles !



Jeuxmaths.fr

**Règles du jeu :** Complétez les grilles en remplissant 1 chiffre par case de 0 à 9. Un nombre à deux chiffres ne commence pas par 0.

**Exemple :**

	-		=	
+		x		x
6	+		=	8
=		=		=
1	x		=	
3				6

- 1) La première case est égale à 7 car  $7 + 6 = 13$
- 2) La case centrale est égale à 2 car  $6 + 2 = 8$
- 3) Dernière colonne : on cherche un multiple de 8 se terminant par 6. Il peut s'agir de 16 ( $2 \times 8$ ) ou de 56 ( $7 \times 8$ ).
- 4) La case en haut à droite est donc 2 ou 7. S'il s'agissait d'un 7, la case en haut au milieu serait égale à 0, ce qui est impossible car le produit doit être un nombre à deux chiffres. On peut donc compléter la grille.

**Solution de l'exemple :**

9		0		3
1	=	1	x	1
=		=		=
8	=	2	+	9
x		x		+
2	=	5	-	7

# Calculogic



Très facile

1

9	-	6	=	
+		+		x
3	+	5	=	
=		=		=
	+		=	
		1		

2

3	+	6	=	
x		+		+
8	-	7	=	
=		=		=
	-		=	
				0

3

	-	6	=	3
+		+		x
3	+		=	
=		=		=
	+	1	=	
				1

4

8	-		=	3
+		+		x
	+	5	=	
=		=		=
	+		=	2
1				

5

4	+		=	8
+		+		x
9	-		=	3
=		=		=
1	+		=	

6

3	+	6	=	
+		+		x
8	-		=	
=		=		=
	+		=	2
		1		

# + x Calculogic ÷ -

Très facile

**7**

	+	6	=	9
x		+		+
	-	6	=	1
=		=		=
	-		=	
1				

**8**

9	-		=	3
x		+		+
	+	4	=	7
=		=		=
	-		=	
7				

**9**

	-	4	=	
x		+		+
3	+		=	9
=		=		=
	-		=	1
				3

**10**

	-	6	=	
x		+		x
4	+		=	
=		=		=
	-	1	=	
6		0		

**11**

	-	4	=	2
x		+		x
	+		=	9
=		=		=
1	x		=	
8				

**12**

	x	3	=	9
x		x		x
	-	4	=	4
=		=		=
2	+		=	

# + x Calculogic ÷ -

Très facile

**13**

2	+	6	=	8
x		x		+
9	-	3	=	
=		=		=
	x		=	

**14**

2	+	5	=	
x		x		+
	+		=	9
=		=		=
1	x		=	
		5		

**15**

6	-		=	
x		x		+
	x	3	=	9
=		=		=
	x		=	1
		2		

**16**

4	+		=	
x		x		+
4	+	2	=	
=		=		=
1	x	1	=	

**17**

	+		=	
x		+		x
9	-		=	4
=		=		=
3	x		=	3
		0		

**18**

2	+		=	6
x		+		x
	-		=	2
=		=		=
	x		=	
		0		2

# + x Calculogic ÷ -

Très facile

19

	-		=	2
x		+		x
2	+		=	
=		=		=
	x		=	1
		0		0

20

	+	3	=	5
x		x		x
	-		=	2
=		=		=
	x		=	
4				0

21

2	+		=	7
x		x		+
5	+		=	7
=		=		=
	x		=	1

22

9	-	4	=	
x		x		x
	+		=	7
=		=		=
	+	1	=	
		6		

23

7	-		=	5
x		x		+
	+		=	9
=		=		=
	x		=	
4		4		

24

3	+	6	=	9
x		+		x
9	-	7	=	
=		=		=
	-		=	

# + x Calculogic ÷

Très facile  
Solutions

1

9	-	6	=	3
+		+		x
3	+	5	=	8
=		=		=
1	+	1	=	2
2		1		4

2

3	+	6	=	9
x		+		+
8	-	7	=	1
=		=		=
2	-	1	=	1
4		3		0

3

9	-	6	=	3
+		+		x
3	+	4	=	7
=		=		=
1	+	1	=	2
2		0		1

4

8	-	5	=	3
+		+		x
3	+	5	=	8
=		=		=
1	+	1	=	2
1		0		4

5

4	+	4	=	8
+		+		x
9	-	6	=	3
=		=		=
1	+	1	=	2
3		0		4

6

3	+	6	=	9
+		+		x
8	-	5	=	3
=		=		=
1	+	1	=	2
1		1		7

7

3	+	6	=	9
x		+		+
7	-	6	=	1
=		=		=
2	-	1	=	1
1		2		0

8

9	-	6	=	3
x		+		+
3	+	4	=	7
=		=		=
2	-	1	=	1
7		0		0

9

8	-	4	=	4
x		+		+
3	+	6	=	9
=		=		=
2	-	1	=	1
4		0		3

10

9	-	6	=	3
x		+		x
4	+	4	=	8
=		=		=
3	-	1	=	2
6		0		4

11

6	-	4	=	2
x		+		x
3	+	6	=	9
=		=		=
1	x	1	=	1
8		0		8

12

3	x	3	=	9
x		x		x
8	-	4	=	4
=		=		=
2	+	1	=	3
4		2		6

**13**

2	+	6	=	8
x		x		+
9	-	3	=	6
=		=		=
1	x	1	=	1
8		8		4

**14**

2	+	5	=	7
x		x		+
6	+	3	=	9
=		=		=
1	x	1	=	1
2		5		6

**15**

6	-	4	=	2
x		x		+
3	x	3	=	9
=		=		=
1	x	1	=	1
8		2		1

**16**

4	+	5	=	9
x		x		+
4	+	2	=	6
=		=		=
1	x	1	=	1
6		0		5

**17**

4	+	5	=	9
x		+		x
9	-	5	=	4
=		=		=
3	x	1	=	3
6		0		6

**18**

2	+	4	=	6
x		+		x
8	-	6	=	2
=		=		=
1	x	1	=	1
6		0		2

**19**

9	-	7	=	2
x		+		x
2	+	3	=	5
=		=		=
1	x	1	=	1
8		0		0

**20**

2	+	3	=	5
x		x		x
7	-	5	=	2
=		=		=
1	x	1	=	1
4		5		0

**21**

2	+	5	=	7
x		x		+
5	+	2	=	7
=		=		=
1	x	1	=	1
0		0		4

**22**

9	-	4	=	5
x		x		x
3	+	4	=	7
=		=		=
2	+	1	=	3
7		6		5

**23**

7	-	2	=	5
x		x		+
2	+	7	=	9
=		=		=
1	x	1	=	1
4		4		4

**24**

3	+	6	=	9
x		+		x
9	-	7	=	2
=		=		=
2	-	1	=	1
7		3		8

# Calculogic

Facile

1

	+		=	
+		+		x
8	-		=	3
=		=		=
1	+		=	
		0		1

2

8	-	6	=	
x		+		+
	+		=	8
=		=		=
	-	1	=	
				0

3

	+		=	
+		+		x
8	-		=	
=		=		=
1	+	1	=	
0				7

4

	+		=	
+		+		x
9	-	6	=	
=		=		=
	+		=	2
3				4

5

	-		=	
x		+		+
4	+	5	=	
=		=		=
	-		=	1
		0		1

6

	-		=	3
x		+		+
3	+	6	=	
=		=		=
	-		=	1
4				

# Calculogic

Facile

7

	+	6	=	9
x		+		+
7	-		=	
=		=		=
	-		=	
1				2

8

	+	5	=	
+		+		x
9	-		=	3
=		=		=
	+		=	
		1		7

9

	-		=	4
x		+		+
	+	5	=	
=		=		=
2	-		=	1
		0		

10

4	+	5	=	9
x		+		+
	-	5	=	
=		=		=
	-		=	
				1

11

	+		=	8
x		x		x
	-	3	=	5
=		=		=
	+	1	=	
				0

12

9	-		=	
x		x		x
	+		=	
=		=		=
	x	1	=	4
5		6		

13

2	+		=	9
x		x		x
	-	3	=	
=		=		=
	+		=	
4				6

14

	+	4	=	
x		x		x
	-	3	=	
=		=		=
3	+		=	
2				0

15

7	-	3	=	
x		x		x
	+		=	9
=		=		=
	+		=	3
		5		

16

9	-		=	
+		x		x
	+	8	=	
=		=		=
1	+	3	=	
		2		

17

3	+		=	9
x		x		x
	-	4	=	
=		=		=
	x	2	=	
7				

18

	+		=	9
x		x		x
	-	5	=	
=		=		=
1	x	3	=	
8				

# Calculogic

Facile

19

	+		=	
x		x		+
9	-	6	=	3
=		=		=
	-		=	
6				1

20

9	-		=	3
x		x		x
4	+		=	
=		=		=
	-	1	=	
6				

21

	-	4	=	
x		x		x
5	+	3	=	
=		=		=
	-		=	3
		2		

22

	+		=	7
x		+		x
	-	7	=	
=		=		=
2	-	1	=	1

23

8	-	4	=	
x		x		+
	+		=	9
=		=		=
3	-		=	
				3

24

5	+		=	
x		x		x
	-	3	=	4
=		=		=
	x		=	
		2		6

**1**

2	+	5	=	7
+		+		x
8	-	5	=	3
=		=		=
1	+	1	=	2
0		0		1

**2**

8	-	6	=	2
x		+		+
3	+	5	=	8
=		=		=
2	-	1	=	1
4		1		0

**3**

2	+	7	=	9
+		+		x
8	-	5	=	3
=		=		=
1	+	1	=	2
0		2		7

**4**

4	+	4	=	8
+		+		x
9	-	6	=	3
=		=		=
1	+	1	=	2
3		0		4

**5**

7	-	5	=	2
x		+		+
4	+	5	=	9
=		=		=
2	-	1	=	1
8		0		1

**6**

8	-	5	=	3
x		+		+
3	+	6	=	9
=		=		=
2	-	1	=	1
4		1		2

**7**

3	+	6	=	9
x		+		+
7	-	4	=	3
=		=		=
2	-	1	=	1
1		0		2

**8**

4	+	5	=	9
+		+		x
9	-	6	=	3
=		=		=
1	+	1	=	2
3		1		7

**9**

9	-	5	=	4
x		+		+
3	+	5	=	8
=		=		=
2	-	1	=	1
7		0		2

**10**

4	+	5	=	9
x		+		+
7	-	5	=	2
=		=		=
2	-	1	=	1
8		0		1

**11**

4	+	4	=	8
x		x		x
8	-	3	=	5
=		=		=
3	+	1	=	4
2		2		0

**12**

9	-	4	=	5
x		x		x
5	+	4	=	9
=		=		=
4	x	1	=	4
5		6		5



**13**

2	+	7	=	9
x		x		x
7	-	3	=	4
=		=		=
1	+	2	=	3
4		1		6

**14**

4	+	4	=	8
x		x		x
8	-	3	=	5
=		=		=
3	+	1	=	4
2		2		0

**15**

7	-	3	=	4
x		x		x
4	+	5	=	9
=		=		=
2	+	1	=	3
8		5		6

**16**

9	-	4	=	5
+		x		x
1	+	8	=	9
=		=		=
1	+	3	=	4
0		2		5

**17**

3	+	6	=	9
x		x		x
9	-	4	=	5
=		=		=
2	x	2	=	4
7		4		5

**18**

2	+	7	=	9
x		x		x
9	-	5	=	4
=		=		=
1	x	3	=	3
8		5		6

**19**

4	+	4	=	8
x		x		+
9	-	6	=	3
=		=		=
3	-	2	=	1
6		4		1

**20**

9	-	6	=	3
x		x		x
4	+	3	=	7
=		=		=
3	-	1	=	2
6		8		1

**21**

8	-	4	=	4
x		x		x
5	+	3	=	8
=		=		=
4	-	1	=	3
0		2		2

**22**

3	+	4	=	7
x		+		x
9	-	7	=	2
=		=		=
2	-	1	=	1
7		1		4

**23**

8	-	4	=	4
x		x		+
4	+	5	=	9
=		=		=
3	-	2	=	1
2		0		3

**24**

5	+	4	=	9
x		x		x
7	-	3	=	4
=		=		=
3	x	1	=	3
5		2		6

1

	+		=	8
x		x		x
	-	4	=	
=		=		=
3	+		=	
		6		

2

	-		=	
x		x		x
3	+		=	9
=		=		=
2	x		=	
		4		

3

9	÷		=	
x		x		x
2	+		=	7
=		=		=
	+		=	
8				

4

8	-		=	
+		x		x
	+	3	=	
=		=		=
	x		=	
4				8

5

8	-		=	
x		+		x
	x	4	=	
=		=		=
	x		=	
		0		6

6

3	+		=	
x		x		x
7	-		=	4
=		=		=
	+		=	
				2

**7**

	+		=	
x		x		+
	+	3	=	8
=		=		=
	x		=	
		5		6

**8**

8	-	5	=	
+		x		x
4	+		=	
=		=		=
	x		=	
				4

**9**

4	x		=	
x		x		x
7	-		=	
=		=		=
	-	1	=	
		0		

**10**

	+	4	=	
x		x		x
	-		=	
=		=		=
	÷		=	1
		4		4

**11**

	+	7	=	
x		x		+
	+		=	
=		=		=
	x	1	=	1
2				

**12**

	-	4	=	
x		+		x
3	+		=	
=		=		=
2	+		=	3

13

	+		=	9
x		+		x
	-		=	
=		=		=
3	-		=	2
2				

14

	-	6	=	
x		+		x
	+		=	9
=		=		=
	-	1	=	
6				

15

	-	4	=	
x		x		x
	+		=	
=		=		=
	+	2	=	3
8				

16

	+		=	9
+		x		x
9	-	6	=	
=		=		=
	+		=	
6				

17

	x		=	
x		x		x
	-	4	=	
=		=		=
	x		=	1
8				8

18

	-		=	
x		+		x
	+	7	=	
=		=		=
1	+		=	
8		3		

19

	+		=	
x		x		x
	-	4	=	3
=		=		=
	x		=	
4				4

20

	x	3	=	
x		x		+
	÷		=	2
=		=		=
2	-		=	
		2		

21

4	+		=	
x		+		x
9	-		=	
=		=		=
	x		=	3
				6

22

	+	4	=	
x		x		x
	-		=	4
=		=		=
3	x		=	
				2

23

	+		=	
x		x		+
9	÷		=	
=		=		=
4	-	3	=	
		6		

24

5	+		=	
x		x		x
9	-		=	
=		=		=
	+	1	=	
				4

**1**

4	+	4	=	8
x		x		x
9	-	4	=	5
=		=		=
3	+	1	=	4
6		6		0

**2**

9	-	4	=	5
x		x		x
3	+	6	=	9
=		=		=
2	x	2	=	4
7		4		5

**3**

9	÷	3	=	3
x		x		x
2	+	5	=	7
=		=		=
1	+	1	=	2
8		5		1

**4**

8	-	6	=	2
+		x		x
6	+	3	=	9
=		=		=
1	x	1	=	1
4		8		8

**5**

8	-	6	=	2
x		+		x
2	x	4	=	8
=		=		=
1	x	1	=	1
6		0		6

**6**

3	+	5	=	8
x		x		x
7	-	3	=	4
=		=		=
2	+	1	=	3
1		5		2

**7**

3	+	5	=	8
x		x		+
5	+	3	=	8
=		=		=
1	x	1	=	1
5		5		6

**8**

8	-	5	=	3
+		x		x
4	+	4	=	8
=		=		=
1	x	2	=	2
2		0		4

**9**

4	x	2	=	8
x		x		x
7	-	5	=	2
=		=		=
2	-	1	=	1
8		0		6

**10**

3	+	4	=	7
x		x		x
8	-	6	=	2
=		=		=
2	÷	2	=	1
4		4		4

**11**

2	+	7	=	9
x		x		+
6	+	2	=	8
=		=		=
1	x	1	=	1
2		4		7

**12**

8	-	4	=	4
x		+		x
3	+	6	=	9
=		=		=
2	+	1	=	3
4		0		6

**13**

4	+	5	=	9
x		+		x
8	-	5	=	3
=		=		=
3	-	1	=	2
2		0		7

**14**

9	-	6	=	3
x		+		x
4	+	5	=	9
=		=		=
3	-	1	=	2
6		1		7

**15**

9	-	4	=	5
x		x		x
2	+	5	=	7
=		=		=
1	+	2	=	3
8		0		5

**16**

7	+	2	=	9
+		x		x
9	-	6	=	3
=		=		=
1	+	1	=	2
6		2		7

**17**

3	x	3	=	9
x		x		x
6	-	4	=	2
=		=		=
1	x	1	=	1
8		2		8

**18**

9	-	6	=	3
x		+		x
2	+	7	=	9
=		=		=
1	+	1	=	2
8		3		7

**19**

2	+	6	=	8
x		x		x
7	-	4	=	3
=		=		=
1	x	2	=	2
4		4		4

**20**

3	x	3	=	9
x		x		+
8	÷	4	=	2
=		=		=
2	-	1	=	1
4		2		1

**21**

4	+	5	=	9
x		+		x
9	-	5	=	4
=		=		=
3	x	1	=	3
6		0		6

**22**

4	+	4	=	8
x		x		x
8	-	4	=	4
=		=		=
3	x	1	=	3
2		6		2

**23**

5	+	4	=	9
x		x		+
9	÷	9	=	1
=		=		=
4	-	3	=	1
5		6		0

**24**

5	+	4	=	9
x		x		x
9	-	3	=	6
=		=		=
4	+	1	=	5
5		2		4

# Calculogic

Difficile

1

4	+		=	8
x		+		x
	-	6	=	
=		=		=
	-		=	

2

8	÷		=	
x		x		x
	+		=	7
=		=		=
	+	1	=	

3

	+		=	6
x		+		x
	-		=	2
=		=		=
2	-		=	

4

2	x	4	=	
x		x		+
	+	4	=	
=		=		=
	x		=	

5

	-	4	=	
x		x		+
	+		=	
=		=		=
	-		=	
2				3

6

3	x		=	
x		x		+
	÷	9	=	
=		=		=
	÷		=	
		7		

# Calculogic

Difficile

7

	+	5	=	
+		x		x
	-		=	4
=		=		=
	x		=	
		0		

8

9	-		=	3
x		+		x
	+		=	
=		=		=
	x		=	
				7

9

	-	7	=	
x		x		+
3	x		=	
=		=		=
	÷		=	
				1

10

	+	6	=	
x		x		x
8	÷		=	
=		=		=
2	+		=	

11

	+	5	=	8
+		x		x
	÷		=	
=		=		=
	+		=	2

12

	-		=	
+		x		x
	x		=	8
=		=		=
	+		=	
0				0

# Calculogic

Difficile

13

	+	3	=	
x		x		+
	-		=	
=		=		=
	x	1	=	
		2		

14

	+		=	9
x		+		x
	-		=	2
=		=		=
	-		=	
		3		

15

4	+	3	=	
+		x		x
	-		=	
=		=		=
	+		=	
		8		

16

	+		=	
x		x		x
9	-		=	
=		=		=
	+	1	=	
5				

17

	-	6	=	3
x		+		x
	+		=	
=		=		=
	-		=	
		1		

18

	+		=	5
+		x		x
	-		=	
=		=		=
	x	2	=	
				0

# Calculogic



Difficile

19

6	+		=	
x		x		x
	-	4	=	
=		=		=
4	-		=	

20

8	-		=	
x		x		x
5	+		=	
=		=		=
	÷		=	
		0		

21

	x		=	8
x		x		x
9	-		=	
=		=		=
	+		=	3

22

	-		=	
+		x		x
1	+		=	7
=		=		=
	+		=	
		4		

23

	-	6	=	2
x		x		+
	+		=	
=		=		=
	÷		=	
2				

24

	-		=	
x		x		x
	+	4	=	9
=		=		=
	+		=	
				4

# + x Calculogic ÷

**Difficile**  
**Solutions**

**1**

4	+	4	=	8
x		+		x
9	-	6	=	3
=		=		=
3	-	1	=	2
6		0		4

**2**

8	÷	2	=	4
x		x		x
2	+	5	=	7
=		=		=
1	+	1	=	2
6		0		8

**3**

3	+	3	=	6
x		+		x
9	-	7	=	2
=		=		=
2	-	1	=	1
7		0		2

**4**

2	x	4	=	8
x		x		+
5	+	4	=	9
=		=		=
1	x	1	=	1
0		6		7

**5**

8	-	4	=	4
x		x		+
4	+	5	=	9
=		=		=
3	-	2	=	1
2		0		3

**6**

3	x	3	=	9
x		x		+
9	÷	9	=	1
=		=		=
2	÷	2	=	1
7		7		0

**7**

2	+	5	=	7
+		x		x
8	-	4	=	4
=		=		=
1	x	2	=	2
0		0		8

**8**

9	-	6	=	3
x		+		x
3	+	6	=	9
=		=		=
2	x	1	=	2
7		2		7

**9**

9	-	7	=	2
x		x		+
3	x	3	=	9
=		=		=
2	÷	2	=	1
7		1		1

**10**

3	+	6	=	9
x		x		x
8	÷	2	=	4
=		=		=
2	+	1	=	3
4		2		6

**11**

3	+	5	=	8
+		x		x
9	÷	3	=	3
=		=		=
1	+	1	=	2
2		5		4

**12**

9	-	4	=	5
+		x		x
1	x	8	=	8
=		=		=
1	+	3	=	4
0		2		0



# Calculogic



Difficile  
Solutions

13

2	+	3	=	5
x		x		+
9	-	4	=	5
=		=		=
1	x	1	=	1
8		2		0

14

3	+	6	=	9
x		+		x
9	-	7	=	2
=		=		=
2	-	1	=	1
7		3		8

15

4	+	3	=	7
+		x		x
9	-	6	=	3
=		=		=
1	+	1	=	2
3		8		1

16

5	+	4	=	9
x		x		x
9	-	3	=	6
=		=		=
4	+	1	=	5
5		2		4

17

9	-	6	=	3
x		+		x
4	+	5	=	9
=		=		=
3	-	1	=	2
6		1		7

18

1	+	4	=	5
+		x		x
9	-	5	=	4
=		=		=
1	x	2	=	2
0		0		0

19

6	+	3	=	9
x		x		x
8	-	4	=	4
=		=		=
4	-	1	=	3
8		2		6

20

8	-	5	=	3
x		x		x
5	+	4	=	9
=		=		=
4	÷	2	=	2
0		0		7

21

2	x	4	=	8
x		x		x
9	-	5	=	4
=		=		=
1	+	2	=	3
8		0		2

22

9	-	4	=	5
+		x		x
1	+	6	=	7
=		=		=
1	+	2	=	3
0		4		5

23

8	-	6	=	2
x		x		+
4	+	5	=	9
=		=		=
3	÷	3	=	1
2		0		1

24

9	-	3	=	6
x		x		x
5	+	4	=	9
=		=		=
4	+	1	=	5
5		2		4

# Calculogic

Expert

1

	+		=	
x		x		+
	-	2	=	
=		=		=
	-		=	
				6

2

	-		=	6
+		x		x
	÷		=	
=		=		=
	x		=	
				2

3

	-		=	
x		x		x
4	x		=	
=		=		=
	x		=	3

4

	-		=	
x		+		x
	+		=	8
=		=		=
	+		=	3

5

	-		=	
x		x		+
	+		=	
=		=		=
	÷		=	
1		5		

6

9	-		=	
x		+		x
	+		=	
=		=		=
	x		=	
6				

**7**

<b>8</b>	-		=	
x		+		x
	+		=	
=		=		=
	+		=	
<b>4</b>				

**8**

	x		=	
x		x		+
<b>8</b>	-	<b>7</b>	=	
=		=		=
	÷		=	

**9**

	-		=	
x		+		x
	+		=	<b>6</b>
=		=		=
	-		=	
<b>7</b>				

**10**

<b>9</b>	-		=	
x		x		+
	+		=	
=		=		=
<b>4</b>	-		=	

**11**

	+	<b>8</b>	=	
+		x		x
	÷		=	
=		=		=
	x	<b>2</b>	=	

**12**

	-		=	
x		+		x
	+		=	<b>8</b>
=		=		=
<b>3</b>	-		=	

13

	-		=	
+		x		x
	x	7	=	
=		=		=
	+		=	3

14

	-		=	
+		x		x
1	+		=	
=		=		=
	+	3	=	

15

	-	6	=	
+		x		x
	x	4	=	
=		=		=
	x		=	

16

	-		=	
x		+		x
3	+		=	
=		=		=
	+		=	
4				

17

8	÷		=	
x		x		+
	+		=	
=		=		=
	-		=	
0				

18

	-		=	
+		x		x
5	+		=	
=		=		=
	+	2	=	

19

	-		=	3
x		+		x
	+	4	=	
=		=		=
	-		=	

20

	-	5	=	
x		+		x
4	+		=	
=		=		=
	x		=	

21

	+		=	
x		x		+
9	÷		=	
=		=		=
	-		=	
5				

22

	+	6	=	
x		x		+
	÷		=	
=		=		=
	÷		=	
		4		

23

	-		=	4
x		x		x
	x		=	8
=		=		=
	x		=	

24

8	÷		=	
x		x		+
5	+		=	
=		=		=
	-		=	

**1**

3	+	6	=	9
x		x		+
9	-	2	=	7
=		=		=
2	-	1	=	1
7		2		6

**2**

9	-	3	=	6
+		x		x
8	÷	4	=	2
=		=		=
1	x	1	=	1
7		2		2

**3**

9	-	5	=	4
x		x		x
4	x	2	=	8
=		=		=
3	x	1	=	3
6		0		2

**4**

9	-	5	=	4
x		+		x
3	+	5	=	8
=		=		=
2	+	1	=	3
7		0		2

**5**

7	-	5	=	2
x		x		+
3	+	5	=	8
=		=		=
2	÷	2	=	1
1		5		0

**6**

9	-	5	=	4
x		+		x
4	+	5	=	9
=		=		=
3	x	1	=	3
6		0		6

**7**

8	-	4	=	4
x		+		x
3	+	6	=	9
=		=		=
2	+	1	=	3
4		0		6

**8**

3	x	3	=	9
x		x		+
8	-	7	=	1
=		=		=
2	÷	2	=	1
4		1		0

**9**

9	-	7	=	2
x		+		x
3	+	3	=	6
=		=		=
2	-	1	=	1
7		0		2

**10**

9	-	8	=	1
x		x		+
5	+	4	=	9
=		=		=
4	-	3	=	1
5		2		0

**11**

1	+	8	=	9
+		x		x
9	÷	3	=	3
=		=		=
1	x	2	=	2
0		4		7

**12**

9	-	6	=	3
x		+		x
4	+	4	=	8
=		=		=
3	-	1	=	2
6		0		4

**13**

9	-	4	=	5
+		x		x
1	x	7	=	7
=		=		=
1	+	2	=	3
0		8		5

**14**

9	-	4	=	5
+		x		x
1	+	8	=	9
=		=		=
1	+	3	=	4
0		2		5

**15**

9	-	6	=	3
+		x		x
2	x	4	=	8
=		=		=
1	x	2	=	2
1		4		4

**16**

8	-	4	=	4
x		+		x
3	+	6	=	9
=		=		=
2	+	1	=	3
4		0		6

**17**

8	÷	8	=	1
x		x		+
5	+	4	=	9
=		=		=
4	-	3	=	1
0		2		0

**18**

9	-	5	=	4
+		x		x
5	+	4	=	9
=		=		=
1	+	2	=	3
4		0		6

**19**

9	-	6	=	3
x		+		x
4	+	4	=	8
=		=		=
3	-	1	=	2
6		0		4

**20**

9	-	5	=	4
x		+		x
4	+	5	=	9
=		=		=
3	x	1	=	3
6		0		6

**21**

5	+	4	=	9
x		x		+
9	÷	9	=	1
=		=		=
4	-	3	=	1
5		6		0

**22**

3	+	6	=	9
x		x		+
8	÷	4	=	2
=		=		=
2	÷	2	=	1
4		4		1

**23**

9	-	5	=	4
x		x		x
4	x	2	=	8
=		=		=
3	x	1	=	3
6		0		2

**24**

8	÷	8	=	1
x		x		+
5	+	4	=	9
=		=		=
4	-	3	=	1
0		2		0