

# **Antwoorden**

# **Vermenigvuldigen en delen**

# **niveau E**

$$8 + 8 + 8 = 24$$

$$3 \times 8 = 24$$

Aantal: 3

In elke: 8

$$5 + 5 + 5 + 5 = 20$$

Keersom:

$$4 \times 5 = 20$$

Aantal: 4

In elke: 5

Plussom: x

$$1 \times 2 = 2$$

Aantal: 1

In elke: 2

1	2	3	4	5	6	7	8	9	10	11	12	15	25
2	4	6	8	10	12	14	16	18	20	22	24	30	50
3	6	9	12	15	18	21	24	27	30	33	36	45	75
4	8	12	16	20	24	28	32	36	40	44	48	60	100
5	10	15	20	25	30	35	40	45	50	55	60	75	125
6	12	18	24	30	36	42	48	54	60	66	72	90	150
7	14	21	28	35	42	49	56	63	70	77	84	105	175
8	16	24	32	40	48	56	64	72	80	88	96	120	200
9	18	27	36	45	54	63	72	81	90	99	108	135	225
10	20	30	40	50	60	70	80	90	100	110	120	150	250
11	22	33	44	55	66	77	88	99	110				
12	24	36	48	60	72	84	96	108	120				
15	30	45	60	75	90	105	120	135	150				
25	50	75	100	125	150	175	200	225	250				

848

$200 \times 4 = 800$

H	T	E
2	1	2
		4
8	4	8

868

$400 \times 2 = 800$

H	T	E
4	3	4
		2
8	6	8

906

$450 \times 2 = 900$

H	T	E
1		
4	5	3
		2
9	0	6

969

$3 \times 300 = 900$

H	T	E
3	2	3
		3
9	6	9

663

$200 \times 3 = 600$

H	T	E
2	2	1
		3
6	6	3

882

$2 \times 450 = 900$

H	T	E
4	4	1
		2
8	8	2

864

$400 \times 2 = 800$

H	T	E
4	3	2
		2
8	6	4

646

$2 \times 300 = 600$

H	T	E
3	2	3
		2
6	4	6

530

$2 \times 250 = 500$

D	H	T	E
	1	1	
	2	6	5
			2
	5	3	0

4.284

$6 \times 700 = 4.200$

D	H	T	E
		2	
	7	1	4
			6
4	2	8	4

1.068

$3 \times 400 = 1.200$

D	H	T	E
	1	1	
	3	5	6
			3
1	0	6	8

6.584

$8 \times 800 = 6.400$

D	H	T	E
	1	2	
	8	2	3
			8
6	5	8	4

1.004

$4 \times 250 = 1.000$

D	H	T	E
	2		4
	2	5	1
			4
1	0	0	4

1.756

$4 \times 400 = 1.600$

D	H	T	E
	1	3	
	4	3	9
			4
1	7	5	6

3.740

$5 \times 700 = 3.500$

D	H	T	E
	2	4	
	7	4	8
			5
3	7	4	0

2.208

$8 \times 300 = 2.400$

D	H	T	E
	6	4	
	2	7	6
			8
2	2	0	8

2.448

$3 \times 800 = 2.400$

D	H	T	E
		1	
	8	1	6
			3
2	4	4	8

6.471

$9 \times 700 = 6.300$

D	H	T	E
	1	8	
	7	1	9
			9
6	4	7	1

6.208

$8 \times 800 = 6.400$

D	H	T	E
	6	4	
	7	7	6
			8
6	2	0	8

6.624

$8 \times 800 = 6.400$

D	H	T	E
	2	6	
	8	2	8
			8
6	6	2	4

6.831

$9 \times 800 = 7.200$

D	H	T	E
	5	8	
	7	5	9
			9
6	8	3	1

6.216

$8 \times 800 = 6.400$

D	H	T	E
	6	5	
	7	7	7
			8
6	2	1	6

4.728

$6 \times 800 = 4.800$

D	H	T	E
	5	4	
	7	8	8
			6
4	7	2	8

4.266

$9 \times 500 = 4.500$

D	H	T	E
	6	3	
	4	7	4
			9
4	2	6	6

$8 \times 300 = 2.400$

D	H	T	E
	5	4	
	2	6	5
			8
2	1	2	0

$6 \times 600 = 3.600$

D	H	T	E
	5	4	
	5	9	7
			6
3	5	8	2

$3 \times 300 = 900$

D	H	T	E
	2	1	
	2	9	5
			3
	8	8	5

$8 \times 809 = 6.400$

D	H	T	E
		7	
	8	0	9
			8
6	4	7	2

$4 \times 900 = 3.600$

D	H	T	E
	3	3	
	8	9	1
			4
3	5	6	4

$5 \times 400 = 2.000$

D	H	T	E
		4	
	4	1	9
			5
2	0	9	5

$5 \times 900 = 4.500$

D	H	T	E
		1	
	9	0	2
			5
4	5	1	0

$8 \times 800 = 6.400$

D	H	T	E
	6	4	
	7	8	6
			8
6	2	8	8

780

$3 \times 25 = 75$  dus  $30 \times 25 = 750$

D	H	T	E
		1	
		2	6
		3	0
	7	8	0

1.470

$7 \times 20 = 140$  dus  $70 \times 20 = 1.400$

D	H	T	E
		2	1
		7	0
1	4	7	0

1.720

$2 \times 90 = 180$  dus  $20 \times 90 = 1.800$

D	H	T	E
		1	
		8	6
		2	0
1	7	2	0

1.760

$8 \times 20 = 160$  dus  $80 \times 20 = 1.600$

D	H	T	E
		1	
		2	2
		8	0
1	7	6	0

2.320

$4 \times 60 = 240$  dus  $40 \times 60 = 2.400$

D	H	T	E
		3	
		5	8
		4	0
2	3	2	0

500

$2 \times 25 = 50$  dus  $20 \times 25 = 500$

D	H	T	E
		1	
		2	5
		2	0
	5	0	0

4.860

$6 \times 80 = 480$  dus  $60 \times 80 = 4.800$

D	H	T	E
		8	1
		6	0
4	8	6	0

1.680

$6 \times 30 = 180$  dus  $60 \times 30 = 1.800$

D	H	T	E
		4	
		2	8
		6	0
1	6	8	0



1.060

$$20 \times 50 = 1.000$$

D	H	T	E
		5	3
		2	0
1	0	6	0

2.300

$$50 \times 50 = 2.500$$

D	H	T	E
		3	
		4	6
		5	0
2	3	0	0

2.910

$$30 \times 100 = 3.000$$

D	H	T	E
		2	
		9	7
		3	0
2	9	1	0

7.760

$$80 \times 100 = 8.000$$

D	H	T	E
		5	
		9	7
		8	0
7	7	6	0

930

$$30 \times 30 = 900$$

D	H	T	E
		3	1
		3	0
	9	3	0

2.100

$$60 \times 30 = 1.800$$

D	H	T	E
		3	
		3	5
		6	0
2	1	0	0

580

$$20 \times 30 = 600$$

D	H	T	E
		1	
		2	9
		2	0
	5	8	0

1.710

$$90 \times 20 = 1.800$$

D	H	T	E
		8	
		1	9
		9	0
1	7	1	0

225

10 x 10 = 100

D	H	T	E
	1		
		2	
		1	5
		1	5
		7	5
	1	5	0
	2	2	5

928

30 x 30 = 900

D	H	T	E
	1		
		1	
		3	2
		2	9
	2	8	8
	6	4	0
	9	2	8

450

20 x 25 = 500

D	H	T	E
		4	
		2	5
		1	8
	2	0	0
	2	5	0
	4	5	0

816

30 x 20 = 600

D	H	T	E
	1		
		3	4
		2	4
	1	2	6
	6	8	0
	8	1	6

2.805

50 x 50 = 2.500

D	H	T	E
		2	
		5	5
		5	1
		5	5
2	7	5	0
2	8	0	5

551

20 x 30 = 600

D	H	T	E
	1		
		8	
		2	9
		1	9
	2	6	1
	2	9	0
	5	5	1

4.032

60 x 60 = 3.600

D	H	T	E
1	1	2	
		1	
		6	4
		6	3
	1	9	2
3	8	4	0
4	0	3	2

256

20 x 20 = 400

D	H	T	E
	1		
		3	
		1	6
		1	6
		9	6
	1	6	0
	2	5	6

1.404

80 x 20 = 1.600

D	H	T	E
	1		
		6	
		7	8
		1	8
	6	2	4
	7	8	0
1	4	0	4

2.479

70 x 40 = 2.800

D	H	T	E
		2	
		4	
		6	7
		3	7
	4	6	9
2	0	1	0
2	4	7	9

1.248

30 x 50 = 1.500

D	H	T	E
	1	1	
		4	
		4	8
		2	6
	2	8	8
	9	6	0
1	2	4	8

648

30 x 20 = 600

D	H	T	E
		1	
		2	
		2	7
		2	4
	1	0	8
	5	4	0
	6	4	8

348

10 x 30 = 300

D	H	T	E
	1		
		1	
		2	9
		1	2
		5	8
	2	9	0
	3	4	8

700

30 x 20 = 600

D	H	T	E
	1	1	
		4	
		2	8
		2	5
	1	4	0
	5	6	0
	7	0	0

341

30 x 10 = 300

D	H	T	E
		3	1
		1	1
		3	1
	3	1	0
	3	4	1

40 x 50 =

40 x 50 = 2.000

D	H	T	E
		5	0
		4	0
			0
	2	0	0
	2	0	0

$616 : 10 = 61,6$

$2 \times 28 = 56$

D	H	T	E
		1	
		1	
		2	8
		2	2
			x
	1	5	6
	5	6	0
			+
	6	1	6

$729 : 10 = 72,9$

$3 \times 25 = 75$

D	H	T	E
	1	1	
		4	
		2	7
		2	7
			x
	1	8	9
	5	4	0
			+
	7	2	9

$448 : 10 = 44,8$

$2 \times 28 = 56$

D	H	T	E
	1		
		4	
		2	8
		1	6
			x
	1	6	8
	2	8	0
			+
	4	4	8

$1.197 : 100 = 11,97$

$0,5 \times 20 = 10$

D	H	T	E
		1	
		5	7
		2	1
			x
		5	7
1	1	4	0
1	1	9	7

$375 : 10 = 37,5$

Tussen 25 en 50

D	H	T	E
		2	
		2	5
		1	5
			x
	1	2	5
	2	5	0
			+
	3	7	5

$1.305 : 100 = 13,05$

$0,5 \times 30 = 15$

D	H	T	E
		1	
		4	
		4	5
		2	9
			x
	4	0	5
	9	0	0
			+
1	3	0	5

$434 : 10 = 43,4$

$3 \times 15 = 45$

D	H	T	E
		3	1
		1	4
			x
	1	2	4
	3	1	0
			+
	4	3	4

$2.601 : 100 = 26,01$

$0,5 \times 50 = 25$

D	H	T	E
		5	1
		5	1
			x
	1	5	1
2	5	5	0
2	6	0	1

$1.800 : 100 = 18$

$2 \times 8 = 16$

D	H	T	E
		1	
		2	
		7	5
		2	4
			x
	3	0	0
1	5	0	0
			+
1	8	0	0

$7,29 : 100 = 7,29$

$3 \times 2 = 6$

D	H	T	E
	1	1	
		4	
		2	7
		2	7
			x
	1	8	9
	5	4	0
			+
	7	2	9

$728 : 100 = 7,28$

$3 \times 3 = 9$

D	H	T	E
	1	1	
		4	
		2	8
		2	6
			x
	1	6	8
	5	6	0
			+
	7	2	8

$600 : 100 = 6$

$3 \times 2 = 6$

D	H	T	E
		1	
		2	
		2	5
		2	4
			x
	1	0	0
	5	0	0
			+
	6	0	0

$375 : 100 = 3,75$

$2 \times 2 = 4$

D	H	T	E
		2	
		2	5
		1	5
			x
	1	2	5
	2	5	0
			+
	3	7	5

$2450 : 100 = 24,5$

$10 \times 2 = 20$

D	H	T	E
1	1	1	
		4	
		9	8
		2	5
			x
	4	9	0
1	9	6	0
			+
2	4	5	0

$434 : 100 = 4,34$

$3 \times 1 = 3$

D	H	T	E
		3	1
		1	4
			x
	1	2	4
	3	1	0
			+
	4	3	4

$3600 : 100 = 36$

$5 \times 7 = 35$

D	H	T	E
		2	
		4	
		7	5
		4	8
			x
	6	0	0
3	0	0	0
			+
3	6	0	0

6

$48 : 12 = 4$

7

6

7

6

7

9

4

8

7

7

5

9

7

8

9

$36 : 12 = 3$

9

6

6

7

2

4

$18 : 2 = 9$

$135 : 15 = 9$

2

10

8

6

4

3

4

10

4

9

8

4

8

6

10

$30 : 15 = 2$

5

5

8

7

7

4

$8 : 2 = 4$

40

400

40

$4 : 2 = 2$

20

200

2

20

$81 : 9 = 9$

90

9

$20 : 5 = 4$

40

4

$6 : 3 = 2$

2

200

20

20

$60 : 12 = 5$

5

5

$6 : 2 = 3$

3

30

30

300

$48 : 6 = 8$

8

80

$9 : 3 = 3$

3

30

30

3

$12 : 3 = 4$

40

4

100

10

$32 : 8 = 4$

40

4

$$10 : 3 = 3 \text{ rest } 1$$

$$\dots \times 3 = 10$$

$$3 \times 3 = 9$$

$$10 - 9 = 1$$

$$30 : 12 = 2 \text{ rest } 6$$

$$\dots \times 12 = 30$$

$$2 \times 12 = 24$$

$$30 - 24 = 6$$

$$24 : 5 = 4 \text{ rest } 4$$

$$\dots \times 5 = 24$$

$$4 \times 5 = 20$$

$$24 - 20 = 4$$

$$58 : 12 = 4 \text{ rest } 10$$

$$\dots \times 12 = 58$$

$$4 \times 12 = 48$$

$$58 - 48 = 10$$

$$17 : 3 = 5 \text{ rest } 2$$

$$\dots \times 3 = 17$$

$$5 \times 3 = 15$$

$$17 - 15 = 2$$

$$70 : 25 = 2 \text{ rest } 20$$

$$\dots \times 25 = 70$$

$$2 \times 25 = 50$$

$$70 - 50 = 20$$

$$52 : 8 = 6 \text{ rest } 4$$

$$\dots \times 8 = 52$$

$$6 \times 8 = 48$$

$$52 - 48 = 4$$

$$80 : 12 = 6 \text{ rest } 8$$

$$\dots \times 12 = 80$$

$$6 \times 12 = 72$$

$$80 - 72 = 8$$

$$71 : 8 = 8 \text{ rest } 7$$

$$\dots \times 8 = 71$$

$$8 \times 8 = 64$$

$$71 - 64 = 7$$

$$106 : 15 = 7 \text{ rest } 1$$

$$\dots \times 15 = 106$$

$$7 \times 15 = 105$$

$$106 - 105 = 1$$

$$56 : 6 = 9 \text{ rest } 2$$

$$\dots \times 6 = 56$$

$$9 \times 6 = 54$$

$$56 - 54 = 2$$

$$115 : 15 = 7 \text{ rest } 10$$

$$\dots \times 15 = 115$$

$$7 \times 15 = 105$$

$$115 - 105 = 10$$



103

100 x 5 = 500

H	T	E					
5	1	5	:5	=	1	0	3
5	0	0	-		1	0	0
	1	5					
	1	5	-				3
		0					
			-				

996 : 4 = 249

250 x 4 = 1.000

H	T	E					
9	9	6	:8	=	2	4	9
8	0	0	-		2	0	0
1	9	6					
1	6	0	-			4	0
	3	6					
	3	6	-				9
		0					

159

150 x 4 = 600

H	T	E					
6	3	6	:4	=	1	5	9
4	0	0	-		1	0	0
2	3	6					
2	0	0	-			5	0
	3	6					
	3	6	-				9
		0					

91

100 x 4 = 400

H	T	E					
3	6	4	:4	=	9	1	
3	6	0	-			9	0
		4					
		4	-				1
			-				

108

100 x 7 = 700

H	T	E					
7	5	6	:7	=	1	0	8
7	0	0	-		1	0	0
	5	6					
	5	6	-				8
			-				

133

120 x 6 = 720

H	T	E					
7	9	8	:6	=	1	3	3
6	0	0	-		1	0	0
1	9	8					
1	8	0	-			3	0
	1	8					
	1	8	-				3
		0					

108

100 x 3 = 300

H	T	E					
3	2	4	:3	=	1	0	8
3	0	0	-		1	0	0
	2	4					
	2	4	-				8
		0					
			-				

130

120 x 5 = 600

H	T	E					
6	7	5	:5	=	1	3	0
5	0	0	-		1	0	0
1	7	5					
1	5	0	-			3	0
	2	5					
	2	5	-				5
		0					

135

120 x 7 = 840

H	T	E					
9	4	5	:7	=	1	3	5
7	0	0	-		1	0	0
2	4	5					
2	1	0	-		3	0	
	3	5					
	3	5	-				5
		0					

2.105

2.000 x 4 = 8.000

D	H	T	E						
8	4	2	0	:4	=	2	1	0	5
8	0	0	0	-		2	0	0	0
	4	2	0						
	4	0	0	-			1	0	0
		2	0						
		2	0	-					5
			0						

241

200 x 4 = 800

H	T	E					
9	6	4	:4	=	2	4	1
8	0	0	-		2	0	0
1	6	4					
1	6	4	-		4	0	
		4					
		4	-				1
		0					

447

400 x 8 = 3.200

D	H	T	E					
3	5	7	6	:8	=	4	4	7
3	2	0	0			4	0	0
	3	7	6					
	3	2	0	-			4	0
		5	6					
		5	6	-				7
			0					

158

150 x 6 = 900

H	T	E					
9	4	8	:6	=	1	5	8
6	0	0	-		1	0	0
3	4	8					
3	0	0	-		5	0	
	4	8					
	4	8	-				8
		0					

457

400 x 7 = 2.800

D	H	T	E					
3	1	9	9	:7	=	4	5	7
2	8	0	0	-		4	0	0
	3	9	9					
	3	5	0	-			5	0
		4	9					
		4	9	-				7
			0					

175

150 x 5 = 750

H	T	E					
8	7	5	:5	=	1	7	5
5	0	0	-		1	0	0
3	7	5					
3	5	0	-		7	0	
	2	5					
	2	5	-				5
		0					

978

900 x 6 = 5.400

D	H	T	E					
5	8	6	8	:6	=	9	7	8
5	4	0	0	-		9	0	0
	4	6	8					
	4	2	0	-			7	0
		4	8					
		4	8	-				8
			0					

8.696 : 5 = 1.739 rest 1

1.500 x 5 = 7.500

D	H	T	E		=				
8	6	9	6	:5	=				
5	0	0	0	-		1	0	0	0
3	6	9	6						
3	5	0	0	-			7	0	0
	1	9	6						
	1	5	0	-				3	0
		4	6						
		4	5	-					9
			1						

32 rest 1

30 x 13 = 390

D	H	T	E		=				
	4	1	7	:13	=	3	2		
	3	9	0						3 0
		2	7						
		2	6						2
			1						

1.103 rest 3

1.000 x 4 = 4.000

D	H	T	E		=				
4	4	1	5	:4	=	1	1	0	3
4	0	0	0	-		1	0	0	0
	4	1	5						
	4	0	0	-			1	0	0
		1	5						
		1	2	-					3
			3						
			-						

21 rest 4

20 x 23 = 460

D	H	T	E		=				
	4	8	5	:23	=	2	1		
	4	6	0	-					2 0
		2	5						
		2	1	-					1
			4						
			-						

1.081 rest 7

Schatting:

D	H	T	E		=				
8	6	5	5	:8	=	1	0	8	1
8	0	0	0	-		1	0	0	0
	6	5	5						
	6	4	0	-				8	0
		1	5						
			8	-					1
			7						
			-						

31 rest 4

30 x 15 = 450

D	H	T	E		=				
	5	0	0	:16	=	3	1		
	4	8	0	-					3 0
		2	0						
		1	6	-					1
			4						
			-						

2.908 rest 1

Schatting:

D	H	T	E		=				
5	8	1	7	:2	=	2	9	0	8
4	0	0	0	-		2	0	0	0
1	8	1	7						
1	8	0	0	-			9	0	0
		1	7						
		1	6	-					8
			1						
			-						

23 rest 2

20 x 23 = 460

D	H	T	E		=				
	5	3	1	:23	=	2	3		
	4	6	0	-					2 0
		7	1						
		6	9						3
			2						
			-						

286

$$200 \times 0,5 = 100$$

D	H	T	E				
				-			
				-			
				-			

126 rest 0,04

$$100 \times 0,06 = 6$$

D	H	T	E				
				-			
				-			
				-			

152

$$100 \times 0,04 = 4$$

D	H	T	E				
				-			
				-			
				-			

6

$$8 : 1 = 8$$

D	H	T	E				
				-			
				-			
				-			

16

$$10 \times 0,125 = 1,25$$

D	H	T	E				
				-			
				-			
				-			

6

$$5 \times 0,30 = 1,50$$

D	H	T	E				
				-			
				-			
				-			

4

$$1,5 : 0,5 = 3$$

D	H	T	E				
				-			
				-			
				-			

28

$$150 : 5 = 30$$

D	H	T	E				
				-			
				-			
				-			

$$7 \times 8 + (34 + 20) : 9 - 5 = 57$$

$$(44 - 12) : 8 - 9 : 3 = 1$$

$$4 \times (5 + 4) - 56 : 7 - 4 = 24$$

$$53 - 4 - 6 \times (6 - 2) = 25$$

$$(9 - 5) \times (2 + 5) - 28 : 7 = 24$$

$$27 - (10 - 7) \times 2 + (31 - 13) : 3 = 27$$

$$36 : 4 \times 6 + 28 = 82$$

$$45 - 2 - 9 \times (11 - 8) = 16$$

$$25 : 5 + 5 \times 9 = 50$$

$$48 : 6 - 36 : 9 = 4$$

$$42 : 7 \times (7 + 5) - 2 = 70$$

$$98 + 7 \times 6 - 14 = 126$$

$$(11 - 7) \times (9 + 8) - 28 : 4 = 61$$

$$15 : 5 \times (2 + 8) - 7 = 23$$

$$6 \times (5 + 9) - 10 : 2 - 5 = 74$$

$$28 - 42 : 7 \times (8 - 6) - 6 = 10$$

$$28 - (8 - 7) \times 8 + (35 - 14) : 3 = 27$$

$$(10 - 2) \times (3 + 8) - 15 : 3 = 83$$

$$2 \times (4 + 2) - 32 : 4 - 2 = 2$$

$$28 - (4 - 2) \times 2 + (11 - 1) : 2 = 29$$

$$(12 - 3) \times (5 + 8) - 16 : 8 = 115$$

$$8 \times 6 + 7 \times 7 = 97$$

$$59 - 72 : 9 \times (11 - 6) - 9 = 10$$

$$7 \times 4 + (59 + 4) : 7 - 5 = 32$$