1

15 × 4 = 60

4 × 15 = 60

2

20 × 5 = **100**

5 × 20 = 100

Proprietà commutativa

23 × 15 = 345

15 × 23 = 345

3

12 × 3 = **36**

3 × 12 = 36

4

8 × 11 = **88**

11 × 8 = 88

5

4 × 21 = **84**

21 × 4 = 84

6

9 × 30 = **270**

30 × 9 = 270

Proprietà associativa

7 × 10 × 5 =

(7 × 5) × 10 =

35 × 10 = 350

7

3 × 4 × 5 =

(3 × 5) × 4 =

15 × 4 = 60

8

12 × 4 × 3 = **144**

(12 × 4) × 3 =

48 × 3 = 144

9

9 × 4 × 5 = **180**

(4 × 5) × 9 =

9 × 20 = 180

10

8 × 3 × 2 = **48**

(8 × 3) × 2 =

24 × 2 = 48

11

4 × 108 = 432

4 × (100 + 8) =

(4 × 100) + (4 × 8) =

400 + 32 = 432

12

5 × 126 = **630**

5 × (120 + 6) =

(5 × 120) + (5 × 6) =

600 + 30 = 630

Proprietà distributiva

5 × 26 =

5 × (20 + 6) =

(5 × 20) + (5 × 6) =

100 + 30 = 130

1

120 : 24 = 5

(120 : 6) : (24 : 6) =

20 : 4 = 5

Proprietà invariantiva

60 : 4 =	60 : 4 =
(60 : 2) : (4 : 2) =	(60 × 2) : (4 × 2) =
30 : 2 = 15	120 : 8 = 15

2

245 : 49 = **5**

(245 : 7) : (49 : 7) =

35 : 7 = 5

3

750 : 25 = **30**

(750 × 4) : (25 × 4) =

3000 : 100 = 30

4

180 : 45 =

(180 : 9) : (45 : 9) =

20 : 5 = 4

5

$10 \xrightarrow{\times 15} \mathbf{150}$, $10 \xleftarrow{: 15} \mathbf{150}$

6

$9 \xrightarrow{\times 11} \mathbf{99}$, $9 \xleftarrow{: 11} \mathbf{99}$

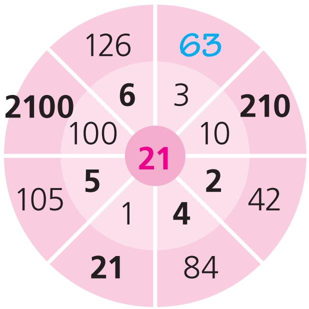
7

$12 \xrightarrow{\times 20} \mathbf{240}$, $12 \xleftarrow{: 20} \mathbf{240}$

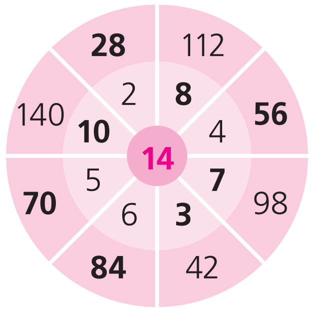
8

$6 \xrightarrow{\times 30} \mathbf{180}$, $6 \xleftarrow{: 30} \mathbf{180}$

9



10



11

$50 \xrightarrow{: 5} 10$, $50 \xleftarrow{\times 5} 10$

12

$\mathbf{48} \xrightarrow{: 8} 6$, $\mathbf{48} \xleftarrow{\times 8} 6$

13

$\mathbf{36} \xrightarrow{: 4} 9$, $\mathbf{36} \xleftarrow{\times 4} 9$

14

$\mathbf{27} \xrightarrow{: 9} 3$, $\mathbf{27} \xleftarrow{\times 9} 3$

1

288 – 104 = 184

288 – 100 = 188

188 – 80 = 108

108 – 4 = 104

2

356 – **125** = 231

356 – 200 = 156

156 – 30 = 126

126 – 1 = 125

3

554 – **321** = 233

554 – 200 = 354

354 – 30 = 324

324 – 3 = 321

4

535 – **132** = 403

535 – 400 = 135

135 – 3 = 132

5

641 – **411** = 230

641 – 200 = 441

441 – 30 = 411

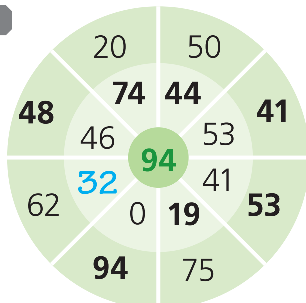
6

846 – **136** = 710

846 – 700 = 146

146 – 10 = 136

7



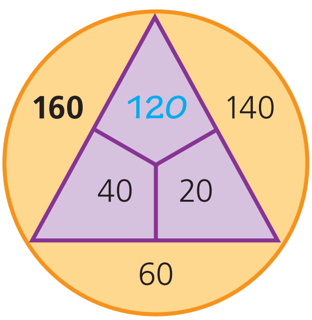
8

34	**10**	4	48
20	12	**41**	**73**
54	22	**45**	**121**

9

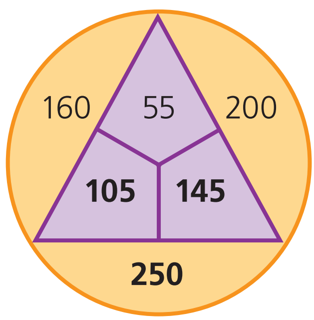
30	**38**	1	**69**
13	40	**13**	66
43	**78**	**14**	**135**

10



180 **360**

11



305 **610**

1

×	9	10	11	15	30	31	100	300
9	81	**90**	99	**135**	**270**	**279**	**900**	**2 700**
10	**90**	100	**110**	**150**	300	**310**	**1 000**	**3 000**
8	**72**	**80**	**88**	**120**	**240**	**248**	**800**	**2 400**
21	**189**	**210**	**231**	**315**	**630**	**651**	**2 100**	**6 300**

2

63$\cancel{0}$: 7$\cancel{0}$ = 9

400 : 50 = **8**

3

2 40$\cancel{0}$: 6$\cancel{0}$ = **40**

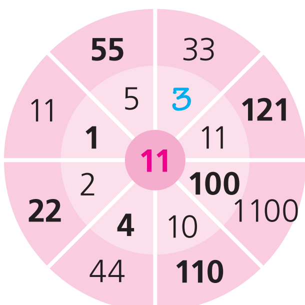
1 800 : 90 = **20**

4

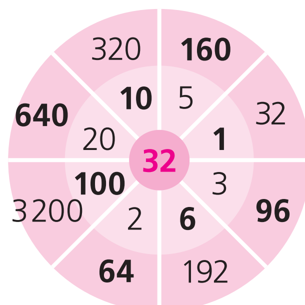
54 $\cancel{000}$: 6 $\cancel{000}$ = **9**

35 000 : 5 000 = **7**

5



6



7

15 × 5 = 75

75 × 1 000 = 75 000

11 000 × 8 = 88 000

12 000 × 4 = **48 000**

8

4 000 × 6 = **24 000**

6 000 × 7 = **42 000**

14 000 × 5 = **70 000**

15 000 × 5 = **75 000**

18 000 × 2 = **36 000**

9

×	50	5 000	500
4	**200**	**20 000**	**2 000**
5	**250**	**25 000**	**2 500**
10	500	**50 000**	5 000

10

×	80	800	8 000
5	**400**	4 000	**40 000**
11	**880**	**8 000**	**88 000**
9	**720**	**7 200**	72 000

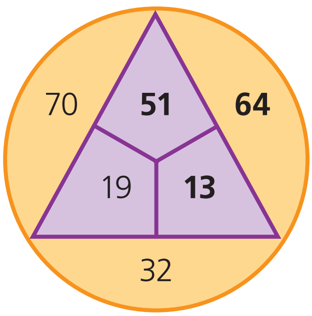
1

+	6	50	200
350	356	400	550
415	421	465	615
550	556	600	750
1 000	1 006	1 050	1 200

2

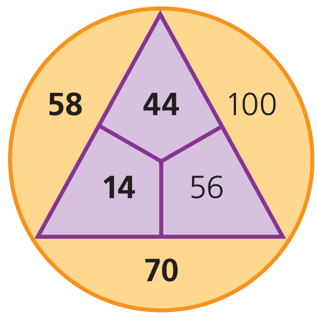
−	40	20	210
300	260	280	90
570	530	550	360
602	562	582	392
1 230	1 190	1 210	1 020

3



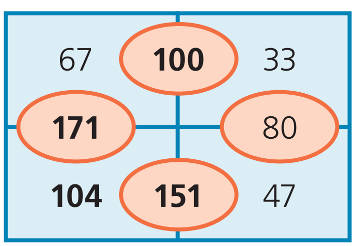
83 166

4



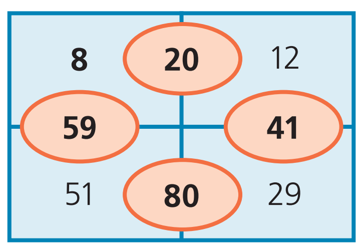
114 228

5



251 502

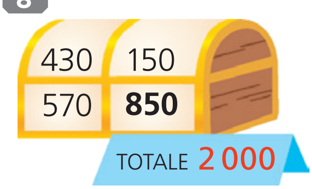
6



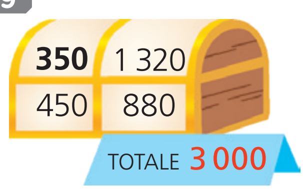
100 200

7

8



9



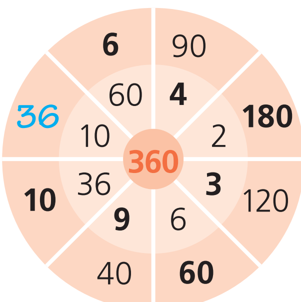
1

×	10	100	1 000	200	2 000	10 000
5	50	500	5 000	1 000	10 000	50 000
4	40	400	4 000	800	8 000	40 000
100	1 000	10 000	100 000	20 000	200 000	1 000 000
35	350	3 500	35 000	7 000	70 000	350 000

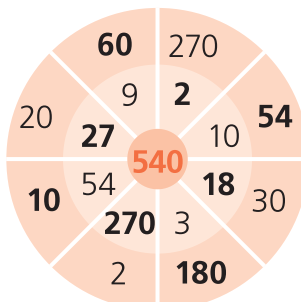
2

:	10	100	20	1 000	2 000	10 000
50 000	5 000	500	2 500	50	25	5
240 000	24 000	2 400	12 000	240	120	24
320 000	32 000	3 200	16 000	320	160	32
400 000	40 000	4 000	20 000	400	200	40

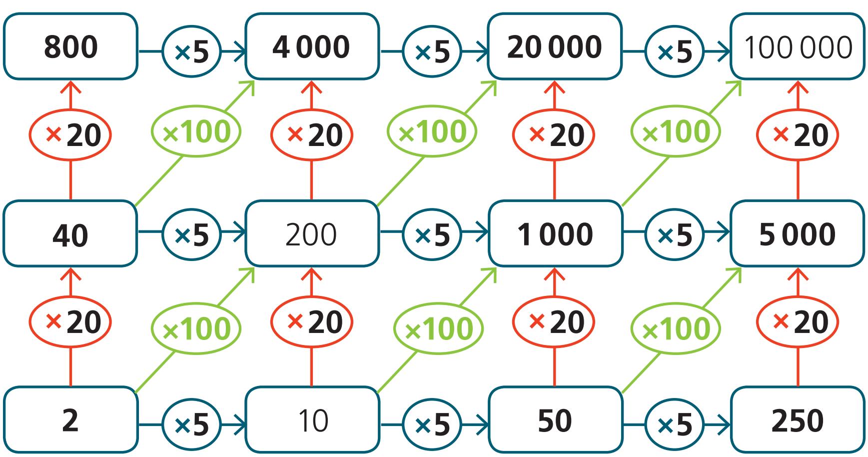
8



8



2



1

PRECEDENTE		SUCCESSIVO
0,1	0,2	0,3
0,2	0,3	**0,4**
0,4	0,5	**0,6**
0,6	0,7	**0,8**
0,9	1	**1,1**
1,3	**1,4**	1,5
1,8	**1,9**	**2**
2,4	2,5	**2,6**

2

PRECEDENTE		SUCCESSIVO
0,01	0,02	0,03
0,05	0,06	**0,07**
0,09	**0,1**	**0,11**
1,14	1,15	**1,16**
12,39	**12,40**	**12,41**
25,61	25,62	**25,63**
42,30	**42,31**	42,32
98,11	**98,12**	**98,13**

3

3,65 + 4,99 = **8,64**

3,64 + 5 = **8,64**

9,34 + 2,99 = **12,33**

9,33 + 3 = 12,33

4

33,14 + 5,99 = **39,13**

33,13 + 6 = 39,13

42,13 + 0,99 = **43,12**

42,12 + 1 = 43,12

5

53,12 + 32,99 = **86,11**

53,11 + 33 = 86,11

14,18 + 9,99 = **24,17**

14,17 + 10 = 24,17

6

43,55 – 3,98 = **39,57**

43,57 – 4 = **39,57**

52,63 – 1,97 = **50,66**

52,66 – 2 = 50,66

7

31,13 – 24,98 = **6,15**

31,15 – 25 = 6,15

53,47 – 12,97 = **40,5**

53,5 – 13 = 40,5

8

34,4 – 6,98 = **27,42**

34,42 – 7 = 27,42

58,5 – 5,97 = **52,53**

58,53 – 6 = 52,53

9

3,5	**12,5**	**2,5**	18,5
20,5	**0,5**	34	**55**
15	1	13,5	**29,5**
39	14	**50**	**103**

10

29,5	25,5	3,5	58,5
4	**26**	**4**	**34**
15,5	3,5	5,5	**24,5**
49	55	**13**	**117**

1

× 10

4,5	31,3	0,14
45	**313**	**1,4**

2

× 100

0,07	1,6	0,9
7	**160**	**90**

3

× 1 000

0,03	0,5	1,8	1,03	2,7	3,01
30	**500**	**1 800**	**1 030**	**2 700**	**3 010**

4

4 × **100** = 400

0,62 × 10 = 6,2

3,7 × **1 000** = 3 700

5

8,02 × 1 000 = **8 020**

15 × **10** = 150

0,17 × 100 = 17

6

0,09 × **100** = 9

83,01 × 10 = 830,1

0,006 × 1 000 = **6**

7

355 : 100 = **3,55**

59,5 : **10** = 5,95

98 : 1 000 = 0,098

8

42 : 10 = 4,2

1 810 : 1 000 = **1,81**

410,5 : **100** = 4,105

9

364 : 10 = **36,4**

1 960 : 100 = 19,6

1 200 : **1 000** = 1,2

10

$1{,}95 \xrightarrow{\times 10} \mathbf{19{,}5}$

$\mathbf{19{,}5} \xrightarrow{:\ 10} 1{,}95$

11

$\mathbf{46{,}3} \xrightarrow{:\ 100} 0{,}463$

$0{,}463 \xrightarrow{\times 100} \mathbf{46{,}3}$

12

$0{,}18 \xrightarrow{\times 100} \mathbf{18}$

$\mathbf{18} \xrightarrow{:\ 100} 0{,}18$

13

$\mathbf{725} \xrightarrow{:\ 1000} 0{,}725$

$0{,}725 \xrightarrow{\times 1000} \mathbf{725}$

14

48 : 1,6 = 30

480 : 16 = 30

15

55 : 2,2 = **25**

550 : 22 = 25

16

148 : 3,7 = **40**

1480 : 37 = 40

GIOCALLENA

A	B	C	D	E	G	I	L	M	O	P	R	S	U
20	30	40	50	85	90	95	100	110	150	155	200	300	550

50 × 6 = 300 S	5,5 × 100 = 550 U	77,5 × 2 = 155 P
170 : 2 = 85 E	10 × 20 = 200 R	25 × 4 = 100 L
37,5 × 4 = 150 O	9,5 + 90,5 = 100 L	

70,2 – 50,2 = 20 A	289,5 + 10,5 = 300 S	7,5 × 4 = 30 B
160 : 8 = 20 A	90,8 – 0,8 = 90 G	4 × 25 = 100 L
190 : 2 = 95 I	0,2 × 100 = 20 A	

500 : 10 = 50 D	5 × 17 = 85 E	1,5 + 38,5 = 40 C
0 + 95 = 95 I	2 × 55 = 110 M	1 × 20 = 20 A
100 : 1 = 100 L	9,5 × 10 = 95 I	

15 MINUTI

SUPER!

1

10 000
9 000 + 1 000
7 000 + 3 000
2 500 + **7 500**
9 910 + 90
500 + **9 500**
2 500 + 7 500
2 000 + **8 000**
8 500 + 1 500

2

50 000
25 000 + **25 000**
40 000 + 10 000
100 + **49 900**
10 000 + 40 000
7 500 + **42 500**
1 + 49 999
1 000 + **49 000**
20 000 + 30 000

3

100 000
60 000 + **40 000**
99 900 + 100
1 000 + **99 000**
20 000 + 80 000
10 000 + **90 000**
75 000 + 25 000
50 000 + **50 000**
93 000 + 7 000

4

×	25	15	30
5	125	**75**	**150**
11	**275**	165	**330**
6	**150**	**90**	**180**

5

×	16	15	23
4	64	**60**	**92**
8	**128**	120	**184**
10	**160**	**150**	230

6

3 200 : 8 = **400**

4 500 : 9 = **500**

360 : 60 = **6**

1 200 : 30 = **40**

7

180 : 2 = **90**

280 : 4 = **70**

2 500 : 5 = **500**

2 700 : 30 = **90**

8

2 400 : 30 = 80

450 : 3 = 150

630 : 70 = 9

2 800 : 4 = 700

9

21,53 × 10 = **215,3**

21,53 × 100 = **2 153**

21,53 × 1 000 = **21 530**

10

15 162 : 10 = **1 516,2**

15 162 : 100 = **151,62**

15 162 : 1 000 = **15,162**