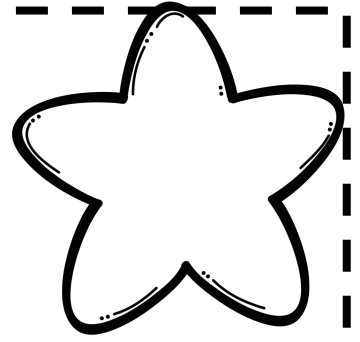




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Tabla del 5	49
Tabla del 6	61
Tabla del 7	72
Tabla del 8	84
Tabla del 9	99

¿Qué es la multiplicación?



Es una operación matemática que consiste en sumar varias veces el mismo número.

Por lo tanto la multiplicación es una suma reiterada.

Ejemplo $2 \times 3 = 6$

Es lo mismo que...

$$3 + 3 = 6$$

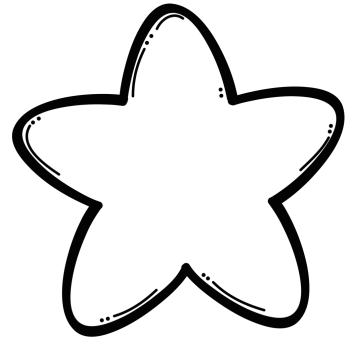
La multiplicación y sus partes

9 x ————— Multiplicando

2 ————— Multiplicador

18 ————— Producto

La multiplicación



Entonces la multiplicación es una suma abreviada.

Creo que ya entendí, pero necesito practicar...

Realicemos juntos algunos ejercicios!!!

Mis tablas

$1 \times 1 = 1$

$1 \times 2 = 2$

$1 \times 3 = 3$

$1 \times 4 = 4$

$1 \times 5 = 5$

$1 \times 6 = 6$

$1 \times 7 = 7$

$1 \times 8 = 8$

$1 \times 9 = 9$

$1 \times 10 = 10$

$2 \times 1 = 2$

$2 \times 2 = 4$

$2 \times 3 = 6$

$2 \times 4 = 8$

$2 \times 5 = 10$

$2 \times 6 = 12$

$2 \times 7 = 14$

$2 \times 8 = 16$

$2 \times 9 = 18$

$2 \times 10 = 20$

$3 \times 1 = 3$

$3 \times 2 = 6$

$3 \times 3 = 9$

$3 \times 4 = 12$

$3 \times 5 = 15$

$3 \times 6 = 18$

$3 \times 7 = 21$

$3 \times 8 = 24$

$3 \times 9 = 27$

$3 \times 10 = 30$

Mis tablas

$4 \times 1 = 4$

$4 \times 2 = 8$

$4 \times 3 = 12$

$4 \times 4 = 16$

$4 \times 5 = 20$

$4 \times 6 = 24$

$4 \times 7 = 28$

$4 \times 8 = 32$

$4 \times 9 = 36$

$4 \times 10 = 40$

$5 \times 1 = 5$

$5 \times 2 = 10$

$5 \times 3 = 15$

$5 \times 4 = 20$

$5 \times 5 = 25$

$5 \times 6 = 30$

$5 \times 7 = 35$

$5 \times 8 = 40$

$5 \times 9 = 45$

$5 \times 10 = 50$

$6 \times 1 = 6$

$6 \times 2 = 12$

$6 \times 3 = 18$

$6 \times 4 = 24$

$6 \times 5 = 30$

$6 \times 6 = 36$

$6 \times 7 = 42$

$6 \times 8 = 48$

$6 \times 9 = 54$

$6 \times 10 = 60$

Mis tablas

$7 \times 1 = 7$

$7 \times 2 = 14$

$7 \times 3 = 21$

$7 \times 4 = 28$

$7 \times 5 = 35$

$7 \times 6 = 42$

$7 \times 7 = 49$

$7 \times 8 = 56$

$7 \times 9 = 63$

$7 \times 10 = 70$

$8 \times 1 = 8$

$8 \times 2 = 16$

$8 \times 3 = 24$

$8 \times 4 = 32$

$8 \times 5 = 40$

$8 \times 6 = 48$

$8 \times 7 = 56$

$8 \times 8 = 64$

$8 \times 9 = 72$

$8 \times 10 = 80$

$9 \times 1 = 9$

$9 \times 2 = 18$

$9 \times 3 = 27$

$9 \times 4 = 36$

$9 \times 5 = 45$

$9 \times 6 = 54$

$9 \times 7 = 63$

$9 \times 8 = 72$

$9 \times 9 = 81$

$9 \times 10 = 90$

Mis tablas

$10 \times 1 = 10$

$10 \times 2 = 20$

$10 \times 3 = 30$

$10 \times 4 = 40$

$10 \times 5 = 50$

$10 \times 6 = 60$

$10 \times 7 = 70$

$10 \times 8 = 80$

$10 \times 9 = 90$

$10 \times 10 = 100$

$11 \times 1 = 11$

$11 \times 2 = 22$

$11 \times 3 = 33$

$11 \times 4 = 44$

$11 \times 5 = 55$

$11 \times 6 = 66$

$11 \times 7 = 77$

$11 \times 8 = 88$

$11 \times 9 = 99$

$11 \times 10 = 110$

$12 \times 1 = 12$

$12 \times 2 = 24$

$12 \times 3 = 36$

$12 \times 4 = 48$

$12 \times 5 = 60$

$12 \times 6 = 72$

$12 \times 7 = 84$

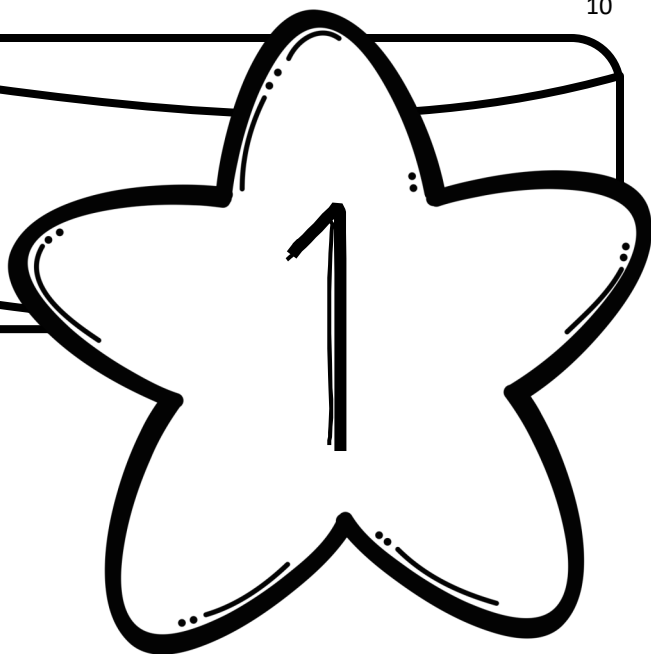
$12 \times 8 = 96$

$12 \times 9 = 108$

$12 \times 10 = 120$

La tabla del

Colorea



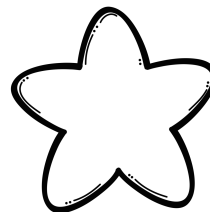
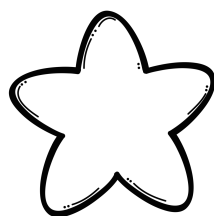
$$1 \times 1 = 1$$

$$1 \times 2 = 2$$

$$1 \times 3 = 3$$

$$1 \times 4 = 4$$

$$1 \times 5 = 5$$



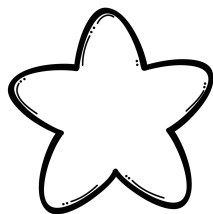
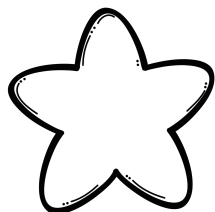
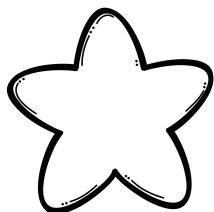
$$1 \times 6 = 6$$

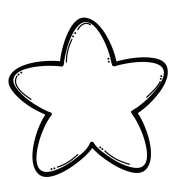
$$1 \times 7 = 7$$

$$1 \times 8 = 8$$

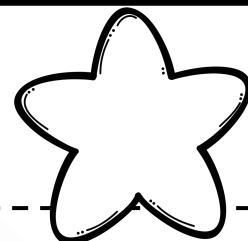
$$1 \times 9 = 9$$

$$1 \times 10 = 10$$

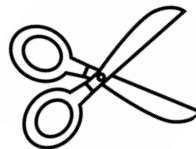




Aprendo las tablas



Observa, recorta y pega



el resultado correcto.

$$\boxed{1} \times \boxed{5} = \boxed{}$$

$$\boxed{1} \times \boxed{4} = \boxed{}$$

$$\boxed{1} \times \boxed{6} = \boxed{}$$

$$\boxed{1} \times \boxed{8} = \boxed{}$$

$$\boxed{1} \times \boxed{2} = \boxed{}$$

$$\boxed{1} \times \boxed{3} = \boxed{}$$

$$\boxed{2} \times \boxed{5} = \boxed{}$$

5

6

3

2

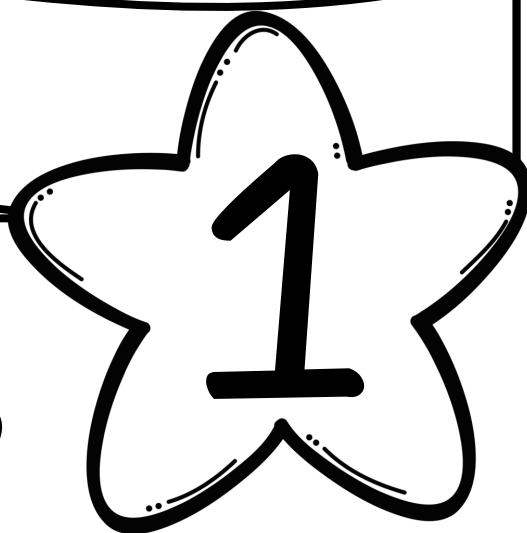
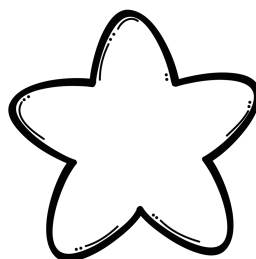
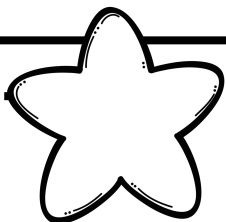
4

7

8

4

La tabla del



$$1 \times 1 = 1$$

$$1 \times 2 = 2$$

$$1 \times 3 = 3$$

$$1 \times 4 = 4$$

$$1 \times 5 = 5$$

$$1 \times 6 = 6$$

$$1 \times 7 = 7$$

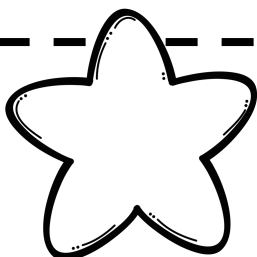
$$1 \times 8 = 8$$

$$1 \times 9 = 9$$

$$1 \times 10 = 10$$

Observa la tabla del 1, luego
colorea los resultados.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Multiplicaciones



Resuelve correctamente las siguientes multiplicaciones.

A five-pointed star with a thick black outline. Inside the star, the multiplication problem 7×1 is written. The '7' is on the left, the 'x' is in the middle, and the '1' is on the right. Below the '1' is a horizontal line for the answer.
$$\begin{array}{r} 7 \times \\ 1 \\ \hline \end{array}$$

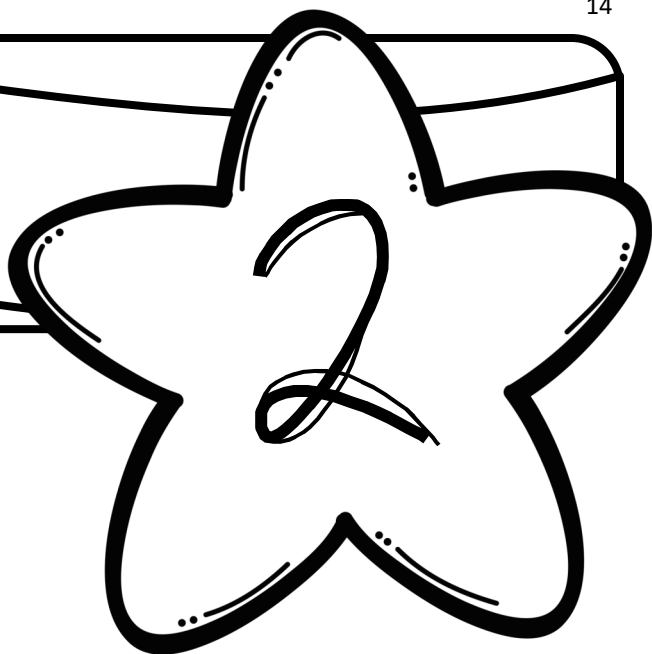
A five-pointed star with a thick black outline. Inside the star, the multiplication problem 5×1 is written. The '5' is on the left, the 'x' is in the middle, and the '1' is on the right. Below the '1' is a horizontal line for the answer.
$$\begin{array}{r} 5 \times \\ 1 \\ \hline \end{array}$$

A five-pointed star with a thick black outline. Inside the star, the multiplication problem 4×1 is written. The '4' is on the left, the 'x' is in the middle, and the '1' is on the right. Below the '1' is a horizontal line for the answer.
$$\begin{array}{r} 4 \times \\ 1 \\ \hline \end{array}$$

A five-pointed star with a thick black outline. Inside the star, the multiplication problem 8×1 is written. The '8' is on the left, the 'x' is in the middle, and the '1' is on the right. Below the '1' is a horizontal line for the answer.
$$\begin{array}{r} 8 \times \\ 1 \\ \hline \end{array}$$

La tabla del

Colorea



$$2 \times 1 = 2$$

$$2 \times 2 = 4$$

$$2 \times 3 = 6$$

$$2 \times 4 = 8$$

$$2 \times 5 = 10$$

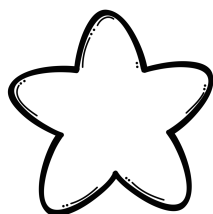
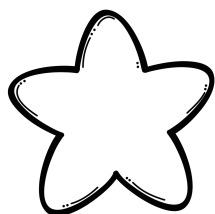
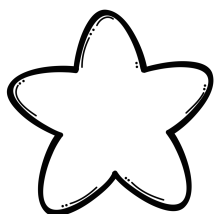
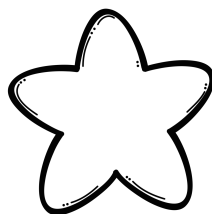
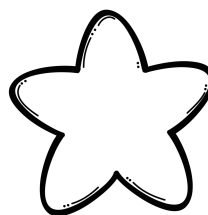
$$2 \times 6 = 12$$

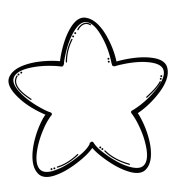
$$2 \times 7 = 14$$

$$2 \times 8 = 16$$

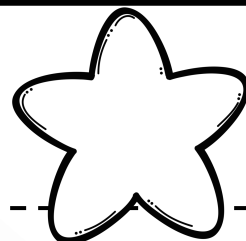
$$2 \times 9 = 18$$

$$2 \times 10 = 20$$

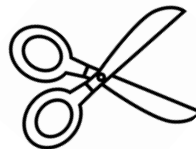




Aprendo las tablas



Observa, recorta y pega



el resultado correcto.

$$\boxed{2} \times \boxed{2} = \boxed{}$$

$$\boxed{2} \times \boxed{4} = \boxed{}$$

$$\boxed{2} \times \boxed{6} = \boxed{}$$

$$\boxed{2} \times \boxed{8} = \boxed{}$$

$$\boxed{2} \times \boxed{1} = \boxed{}$$

$$\boxed{2} \times \boxed{3} = \boxed{}$$

$$\boxed{2} \times \boxed{5} = \boxed{}$$

12

2

10

8

16

6

14

4

La tabla del



$$2 \times 1 = 2$$

$$2 \times 2 = 4$$

$$2 \times 3 = 6$$

$$2 \times 4 = 8$$

$$2 \times 5 = 10$$

$$2 \times 6 = 12$$

$$2 \times 7 = 14$$

$$2 \times 8 = 16$$

$$2 \times 9 = 18$$

$$2 \times 10 = 20$$

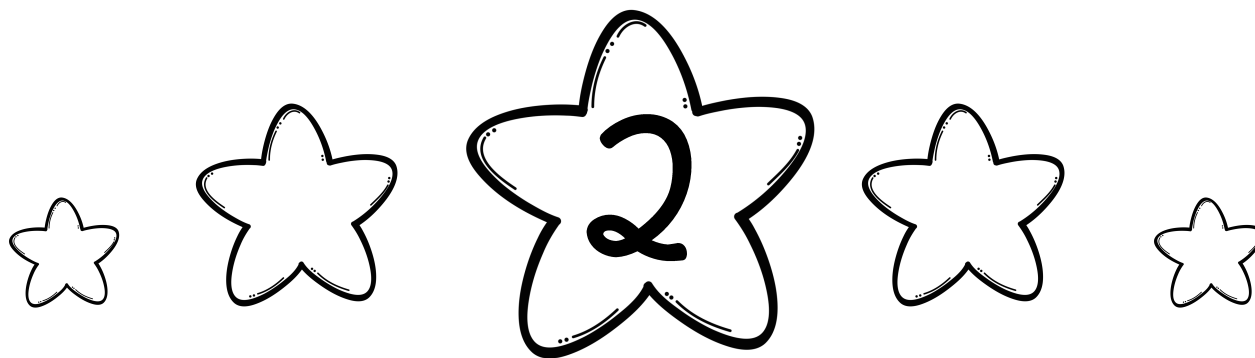
Observa la tabla del 2, luego
colorea los resultados.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Relaciona y pinta del mismo color la correspondencia de los números.

2×6	$2 + 2$	6
2×4	$9 + 9$	12
2×9	$6 + 6$	18
2×2	$4 + 4$	4
2×7	$3 + 3$	8
2×3	$7 + 7$	14



Observa el ejemplo y completa la tabla.

tabla	Cuántas veces	suma	resultado
2×4	2 veces 4	+	8
2×6			
2×8			
2×10			
2×2			
2×9			
2×7			
2×3			

Multiplicaciones

2

Resuelve correctamente las siguientes multiplicaciones.

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

Multiplicaciones

Resuelve correctamente las siguientes multiplicaciones.



A cartoon ladybug character with a multiplication problem on its back. The problem is 11×2 . The ladybug has a smiling face, large eyes, and two antennae.
$$\begin{array}{r} 11 \times \\ 2 \\ \hline \end{array}$$

A cartoon ladybug character with a multiplication problem on its back. The problem is 19×2 . The ladybug has a smiling face, large eyes, and two antennae.
$$\begin{array}{r} 19 \times \\ 2 \\ \hline \end{array}$$

A cartoon ladybug character with a multiplication problem on its back. The problem is 12×2 . The ladybug has a smiling face, large eyes, and two antennae.
$$\begin{array}{r} 12 \times \\ 2 \\ \hline \end{array}$$

A cartoon ladybug character with a multiplication problem on its back. The problem is 24×2 . The ladybug has a smiling face, large eyes, and two antennae.
$$\begin{array}{r} 24 \times \\ 2 \\ \hline \end{array}$$

A cartoon ladybug character with a multiplication problem on its back. The problem is 38×2 . The ladybug has a smiling face, large eyes, and two antennae.
$$\begin{array}{r} 38 \times \\ 2 \\ \hline \end{array}$$

A cartoon ladybug character with a multiplication problem on its back. The problem is 67×2 . The ladybug has a smiling face, large eyes, and two antennae.
$$\begin{array}{r} 67 \times \\ 2 \\ \hline \end{array}$$

Multiplicaciones



2

Resuelve correctamente las
siguientes multiplicaciones.

$$\begin{array}{r} 349 \times \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 155 \times \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 209 \times \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \times \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 405 \times \\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 187 \times \\ 2 \\ \hline \end{array}$$

Multiplicaciones



Resuelve correctamente las siguientes multiplicaciones.

$$\begin{array}{r} 129 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 145 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 249 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 345 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 455 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 987 \\ \times 26 \\ \hline \end{array}$$

Multiplicaciones



Resuelve correctamente las siguientes multiplicaciones.

$$\begin{array}{r} 1029 \times \\ 222 \\ \hline \end{array}$$

$$\begin{array}{r} 1456 \times \\ 238 \\ \hline \end{array}$$

$$\begin{array}{r} 2049 \times \\ 215 \\ \hline \end{array}$$

$$\begin{array}{r} 3145 \times \\ 217 \\ \hline \end{array}$$

$$\begin{array}{r} 4550 \times \\ 234 \\ \hline \end{array}$$

$$\begin{array}{r} 9817 \times \\ 296 \\ \hline \end{array}$$

Multiplicaciones con punto decimal


 456.21

← En el multiplicando hay dos decimales (.21)

 $\times 0.12$

← En el multiplicador hay dos decimales (.12)

$$+ \quad 91242$$

$$45621$$

$$54.7452$$

← En total son cuatro decimales los que deberá haber en el resultado y que se contarán de derecha a izquierda.

$$\begin{array}{r} 324.25 \times \\ 23.7 \\ \hline \end{array}$$

$$\begin{array}{r} 455.10 \times \\ 25.4 \\ \hline \end{array}$$

$$\begin{array}{r} 981.7 \times \\ 29.6 \\ \hline \end{array}$$

Multiplicaciones con punto decimal

2

$$\begin{array}{r} 122.05 \times \\ 21.7 \\ \hline \end{array}$$

$$\begin{array}{r} 450.13 \times \\ 22.4 \\ \hline \end{array}$$

$$\begin{array}{r} 231.7 \times \\ 24.6 \\ \hline \end{array}$$

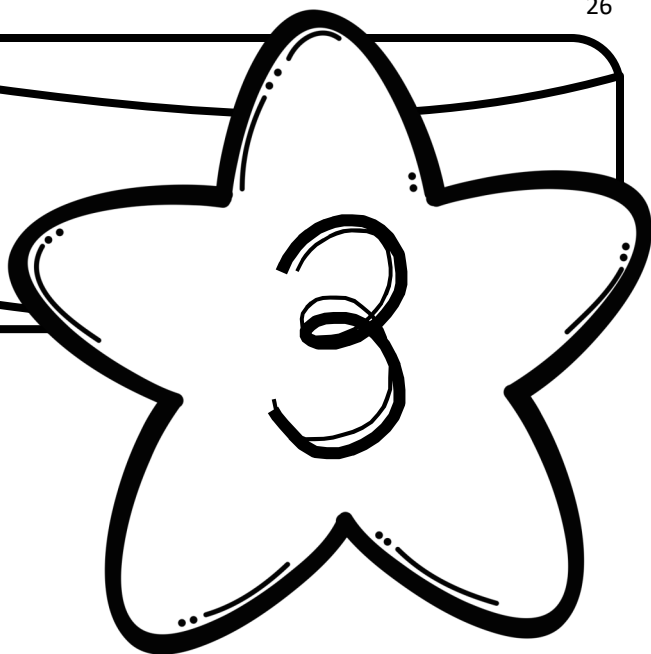
$$\begin{array}{r} 123.25 \times \\ 23.7 \\ \hline \end{array}$$

$$\begin{array}{r} 403.40 \times \\ 25.5 \\ \hline \end{array}$$

$$\begin{array}{r} 909.7 \times \\ 29.8 \\ \hline \end{array}$$

La tabla del

Colorea



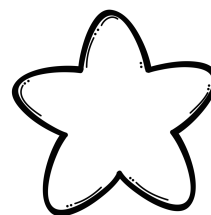
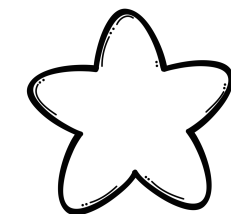
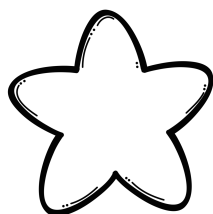
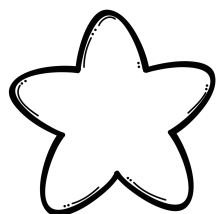
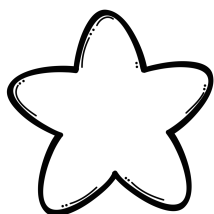
$$3 \times 1 = 3$$

$$3 \times 2 = 6$$

$$3 \times 3 = 9$$

$$3 \times 4 = 12$$

$$3 \times 5 = 15$$



$$3 \times 6 = 18$$

$$3 \times 7 = 21$$

$$3 \times 8 = 24$$

$$3 \times 9 = 27$$

$$3 \times 10 = 30$$

La tabla del



$$3 \times 1 = 3$$

$$3 \times 2 = 6$$

$$3 \times 3 = 9$$

$$3 \times 4 = 12$$

$$3 \times 5 = 15$$

$$3 \times 6 = 18$$

$$3 \times 7 = 21$$

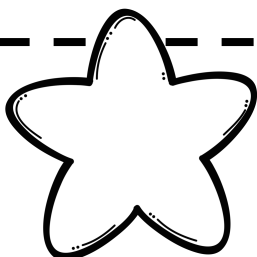
$$3 \times 8 = 24$$

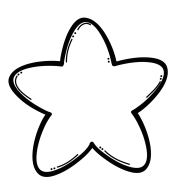
$$3 \times 9 = 27$$

$$3 \times 10 = 30$$

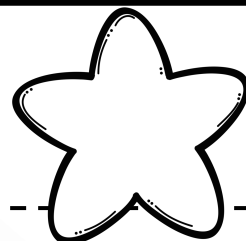
Observa la tabla del 3, luego
colorea los resultados.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

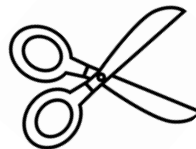




Aprendo las tablas



Observa, recorta y pega



el resultado correcto.

$$3 \times 6 = \square$$

$$3 \times 4 = \square$$

$$3 \times 2 = \square$$

$$3 \times 8 = \square$$

$$3 \times 1 = \square$$

$$3 \times 3 = \square$$

$$3 \times 5 = \square$$

15

9

3

24

6

12

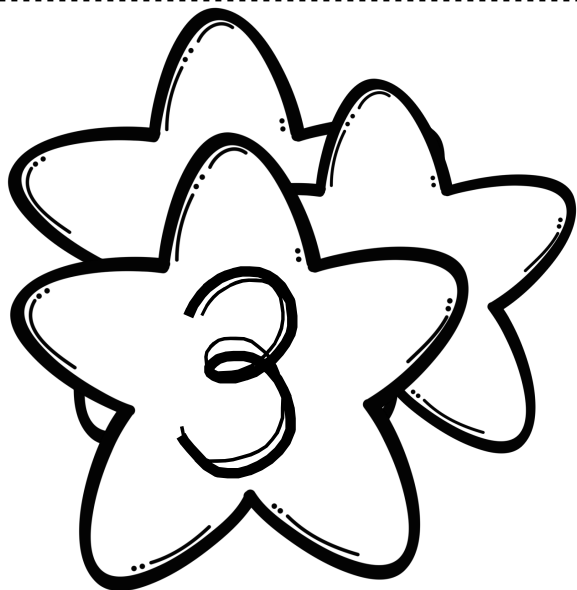
17

18



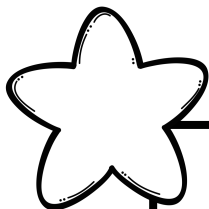
Observa el ejemplo y completa la tabla.

tabla	Cuántas veces	suma	resultado
3×8	3 veces 8	 $ + + $	24
3×6			
3×4			
3×2			
3×9			
3×7			
3×5			
3×3			

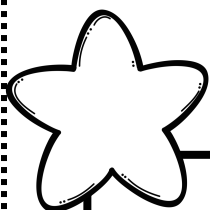


Colorea

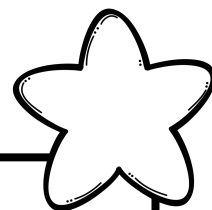
el resultado correcto.



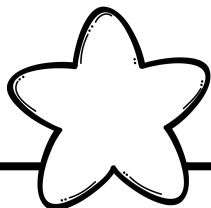
3×7		
21	24	30



3×9		
30	27	24

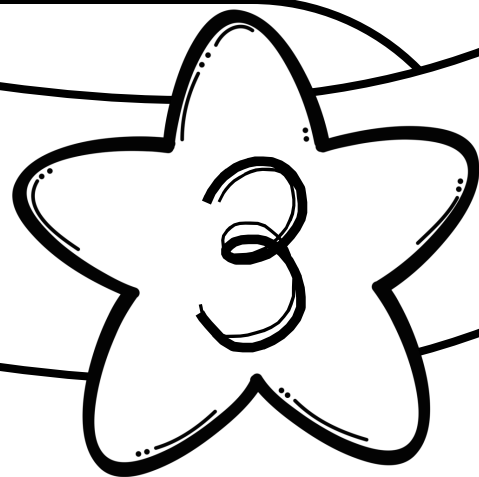


3×4		
15	20	12



3×3		
15	12	9

Multiplicaciones



Resuelve correctamente las siguientes multiplicaciones.

A five-pointed star with a thick black outline. Inside the star, the multiplication problem 3×3 is written. The number 3 is on the left, followed by a multiplication sign (X) to its right. Below the 3 is a horizontal line for the answer.
$$\begin{array}{r} 3 \times \\ 3 \\ \hline \end{array}$$

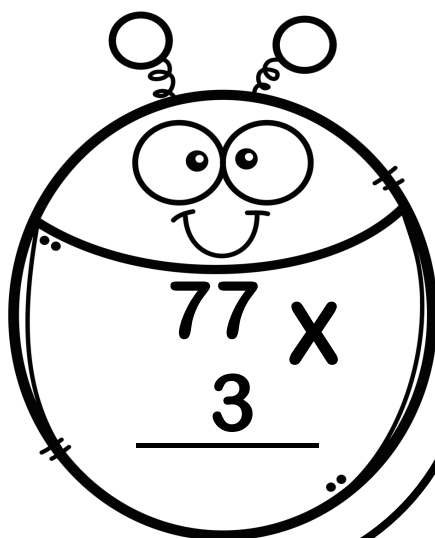
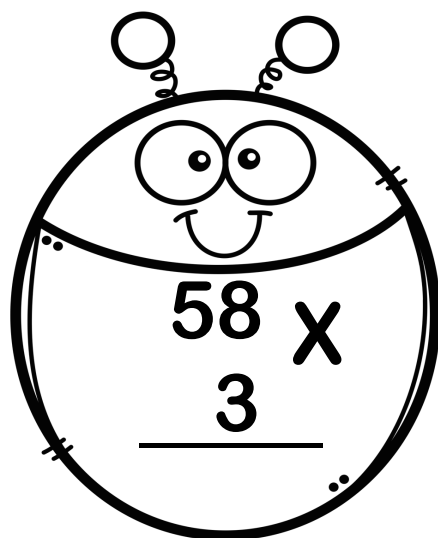
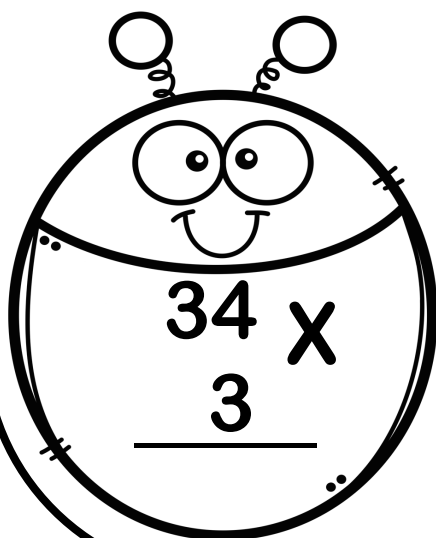
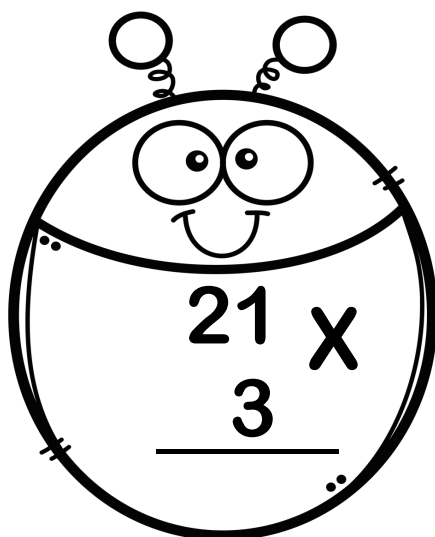
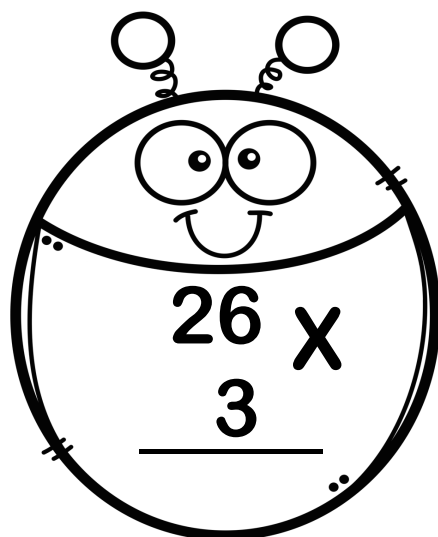
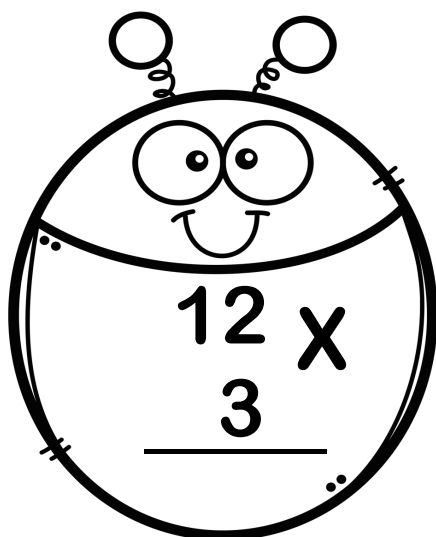
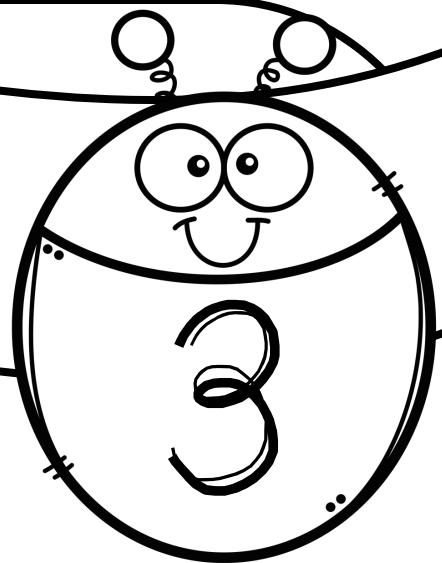
A five-pointed star with a thick black outline. Inside the star, the multiplication problem 7×3 is written. The number 7 is on the left, followed by a multiplication sign (X) to its right. Below the 7 is a horizontal line for the answer.
$$\begin{array}{r} 7 \times \\ 3 \\ \hline \end{array}$$

A five-pointed star with a thick black outline. Inside the star, the multiplication problem 5×3 is written. The number 5 is on the left, followed by a multiplication sign (X) to its right. Below the 5 is a horizontal line for the answer.
$$\begin{array}{r} 5 \times \\ 3 \\ \hline \end{array}$$

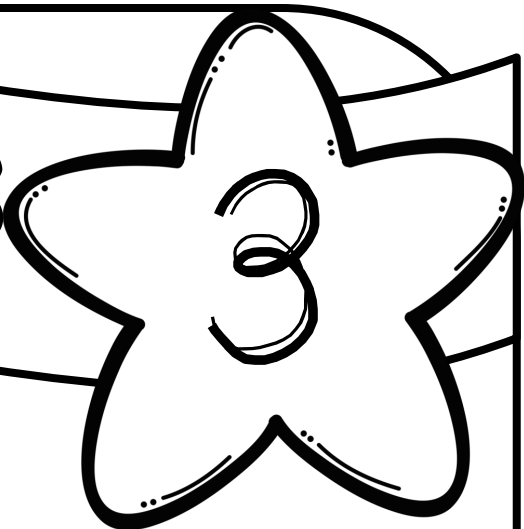
A five-pointed star with a thick black outline. Inside the star, the multiplication problem 8×3 is written. The number 8 is on the left, followed by a multiplication sign (X) to its right. Below the 8 is a horizontal line for the answer.
$$\begin{array}{r} 8 \times \\ 3 \\ \hline \end{array}$$

Multiplicaciones

Resuelve correctamente las siguientes multiplicaciones.



Multiplicaciones



Resuelve correctamente las siguientes multiplicaciones.

$$\begin{array}{r} 203 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 345 \\ \times 3 \\ \hline \end{array}$$

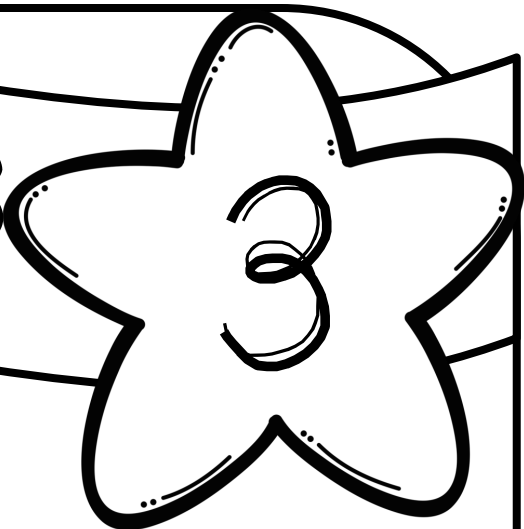
$$\begin{array}{r} 109 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 768 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 305 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 277 \\ \times 3 \\ \hline \end{array}$$

Multiplicaciones



Resuelve correctamente las siguientes multiplicaciones.

$$\begin{array}{r} 343 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 985 \\ \times 32 \\ \hline \end{array}$$

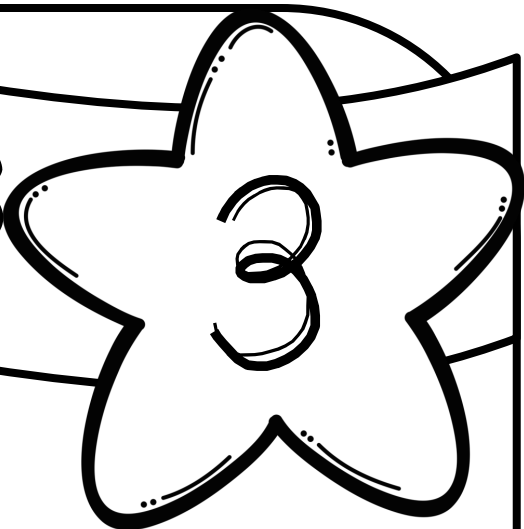
$$\begin{array}{r} 109 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 708 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 455 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 677 \\ \times 31 \\ \hline \end{array}$$

Multiplicaciones



Resuelve correctamente las
siguientes multiplicaciones.

$$\begin{array}{r} 3433 \times \\ 305 \\ \hline \end{array}$$

$$\begin{array}{r} 9865 \times \\ 332 \\ \hline \end{array}$$

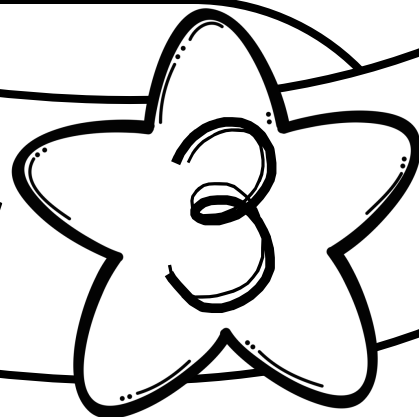
$$\begin{array}{r} 1039 \times \\ 300 \\ \hline \end{array}$$

$$\begin{array}{r} 7028 \times \\ 319 \\ \hline \end{array}$$

$$\begin{array}{r} 4595 \times \\ 370 \\ \hline \end{array}$$

$$\begin{array}{r} 6077 \times \\ 321 \\ \hline \end{array}$$

Multiplicaciones con punto decimal



456 . 21 ← En el multiplicando hay dos decimales (.21)

x 0 . 12 ← En el multiplicador hay dos decimales (.12)

+ 9 1 2 4 2

4 5 6 2 1

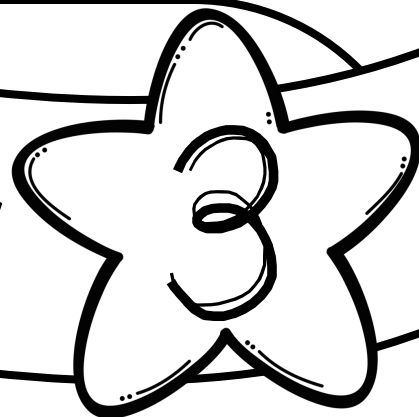
5 4 . 7 4 5 2 ← En total son cuatro decimales los que deberá haber en el resultado y que se contarán de derecha a izquierda.

344.15 X
33.3

455.32 X
31.4

984.7 X
39.6

Multiplicaciones con punto decimal



$$\begin{array}{r} 132.05 \times \\ 31.7 \\ \hline \end{array}$$

$$\begin{array}{r} 451.13 \times \\ 30.4 \\ \hline \end{array}$$

$$\begin{array}{r} 231.7 \times \\ 34.1 \\ \hline \end{array}$$

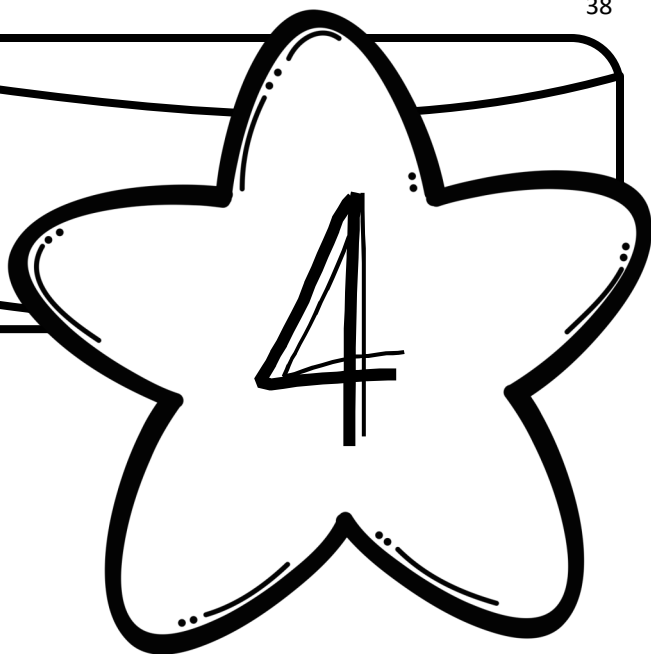
$$\begin{array}{r} 153.25 \times \\ 33.7 \\ \hline \end{array}$$

$$\begin{array}{r} 433.40 \times \\ 35.5 \\ \hline \end{array}$$

$$\begin{array}{r} 999.9 \times \\ 39.8 \\ \hline \end{array}$$

La tabla del

Colorea



$$4 \times 1 = 4$$

$$4 \times 2 = 8$$

$$4 \times 3 = 12$$

$$4 \times 4 = 16$$

$$4 \times 5 = 20$$

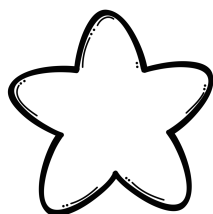
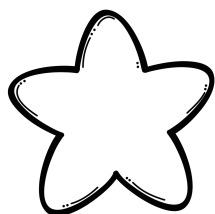
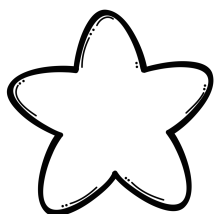
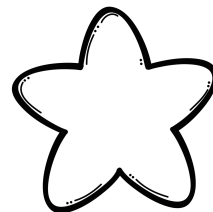
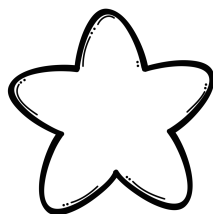
$$4 \times 6 = 24$$

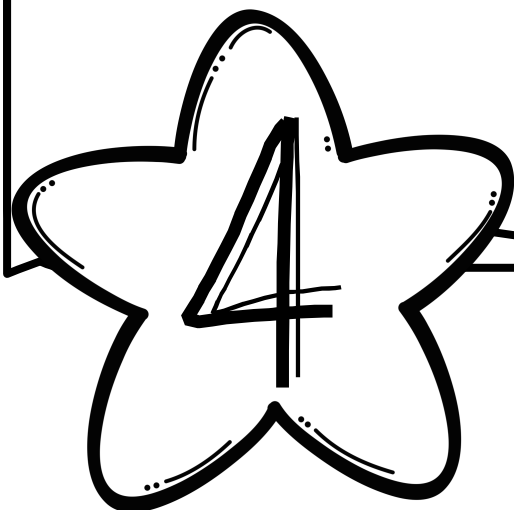
$$4 \times 7 = 28$$

$$4 \times 8 = 32$$

$$4 \times 9 = 36$$

$$4 \times 10 = 40$$





Multiplicando

Relaciona y pinta del mismo color la correspondencia de los números.

4×9

$8+8+8+8$

20

4×4

$5+5+5+5$

40

4×1

$10+10+10+10$

36

4×8

$4+4+4+4$

16

4×10

$1+1+1+1$

32

4×5

$9+9+9+9$

4

La tabla del

4

$$4 \times 1 = 4$$

$$4 \times 2 = 8$$

$$4 \times 3 = 12$$

$$4 \times 4 = 16$$

$$4 \times 5 = 20$$

$$4 \times 6 = 24$$

$$4 \times 7 = 28$$

$$4 \times 8 = 32$$

$$4 \times 9 = 36$$

$$4 \times 10 = 40$$

Observa la tabla del 4, luego
colorea los resultados.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100