Multiplication Mania! Ten 3rd Grade Multiplication Worksheets

Help your third grader master her times tables with this collection of multiplication worksheets.

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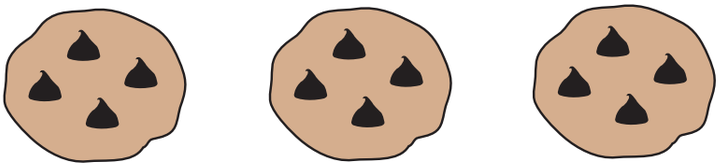
Multiplying by 3

There are three cookies.
Each cookie has two chocolate chips.
How many chocolate chips in all?

3 groups of 2 chocolate chips = 3 x 2 = 6

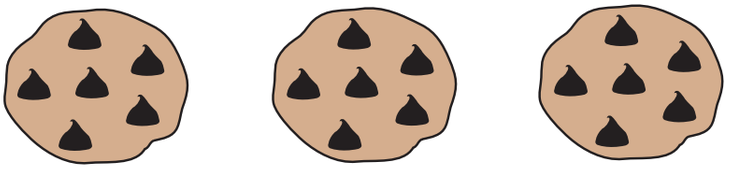
Multiply the problems below to find the total number of chocolate chips.



_____ groups of _____ chips

_____ x _____

_____ total chips



_____ groups of _____ chips

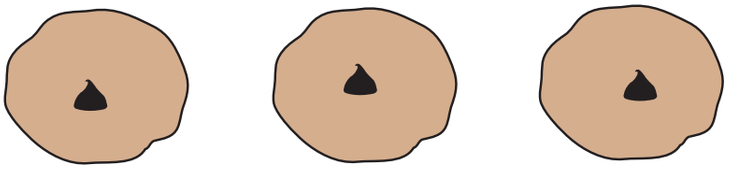
_____ x _____

_____ total chips

_____ groups of _____ chips

_____ x _____

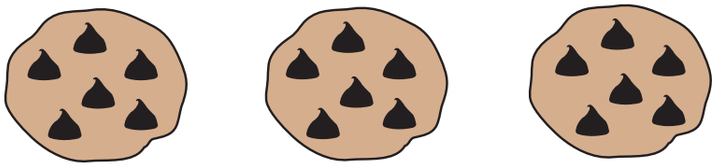
_____ total chips



_____ groups of _____ chips

_____ x _____

_____ total chips



_____ groups of _____ chips

_____ x _____

_____ total chips

_____ groups of _____ chips

_____ x _____

_____ total chips

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Multiply!

Help Alex the multiplication sign complete his multiplication table.

x	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0		0	0	0
1	0	1	2	3	4		6	7	8	9	10
2		2	4	6	8	10	12	14		18	20
3	0	3	6	9	12	15	18		24	27	30
4	0	4		12	16	20	24	28		36	40
5	0		10	15	20	25	30	35	40	45	
6		6	12	18	24	30		42	48	54	60
7	0	7	14	21		35	42	49		63	70
8	0	8	16		32	40	48	56	64		80
9	0	9	18	27	36		54	63	72	81	90
10	0	10	20		40	50	60	70	80	90	100

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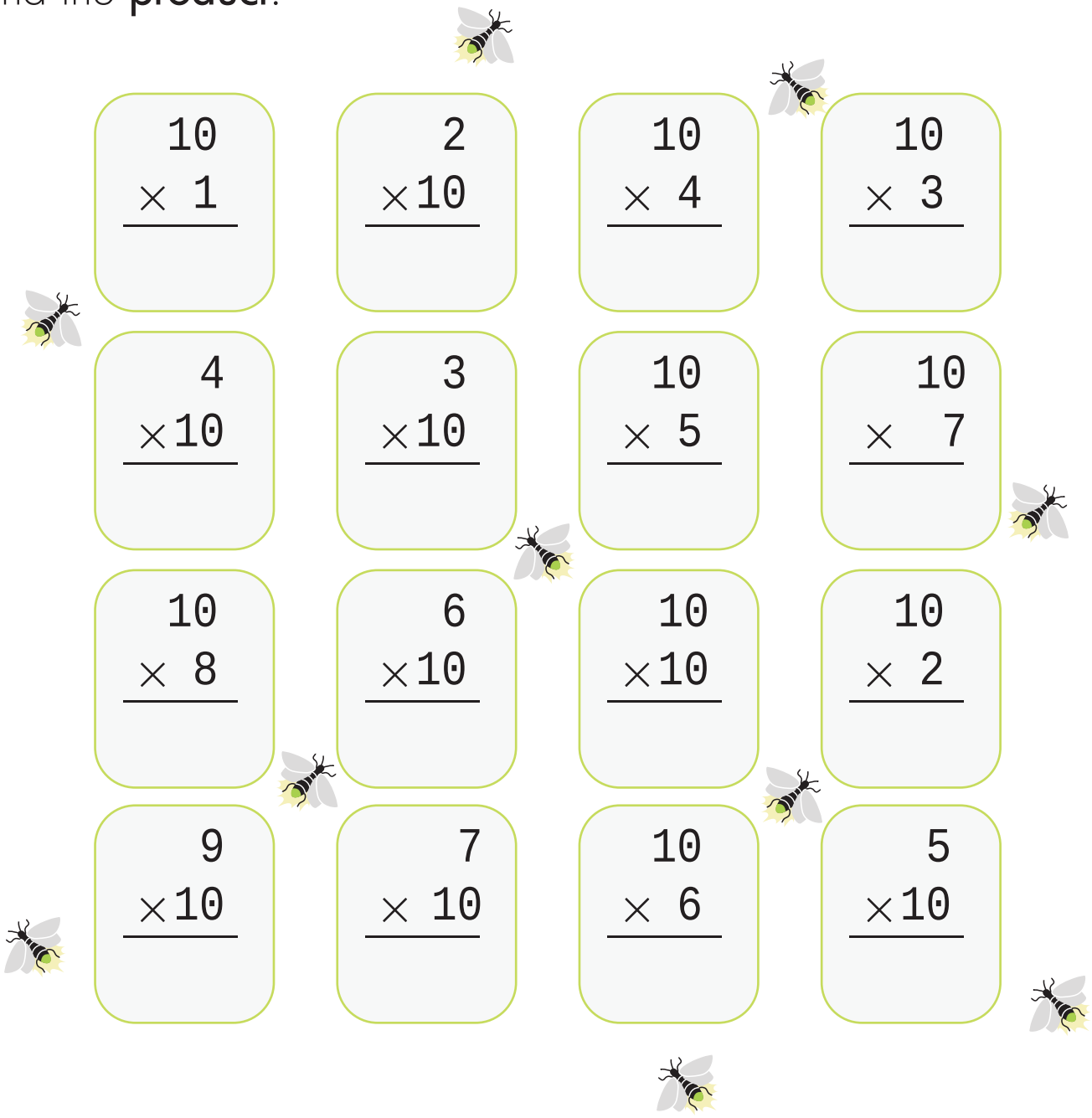
Multiplying by Ten

Find the **product**.



10 × 1 =	2 × 10 =	10 × 4 =	10 × 3 =
4 × 10 =	3 × 10 =	10 × 5 =	10 × 7 =
10 × 8 =	6 × 10 =	10 × 10 =	10 × 2 =
9 × 10 =	7 × 10 =	10 × 6 =	5 × 10 =

Fill in the multiplication chart.

x	1	2	3	4	5	6	7	8	9	10
10										

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Movie Multiplication

Find the **product** using **regrouping**.
Show your work!

49 × 3	76 × 4	25 × 2
33 × 8	18 × 7	54 × 8
69 × 3	42 × 5	84 × 2
75 × 7	56 × 3	92 × 6

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Multiplication Boot Camp

Let's practice multiplication together! Follow the example below:

First multiply two times three.

$$\begin{array}{r} 13 \\ \times\ 2 \\ \hline 6 \end{array}$$

Then multiply two times one.

$$\begin{array}{r} 13 \\ \times\ 2 \\ \hline 26 \end{array}$$

Solve each problem below and write down your answers.

$\begin{array}{r} 12 \\ \times\ 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times\ 1 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times\ 2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times\ 6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times\ 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times\ 3 \\ \hline \end{array}$
$\begin{array}{r} 10 \\ \times\ 5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ \times\ 4 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times\ 1 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times\ 0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times\ 9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times\ 7 \\ \hline \end{array}$
$\begin{array}{r} 20 \\ \times\ 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times\ 4 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times\ 9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times\ 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times\ 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times\ 8 \\ \hline \end{array}$
$\begin{array}{r} 10 \\ \times\ 2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times\ 2 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ \times\ 6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times\ 4 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times\ 5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times\ 8 \\ \hline \end{array}$
$\begin{array}{r} 20 \\ \times\ 3 \\ \hline \end{array}$	$\begin{array}{r} 31 \\ \times\ 3 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ \times\ 4 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ \times\ 2 \\ \hline \end{array}$	$\begin{array}{r} 21 \\ \times\ 4 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ \times\ 2 \\ \hline \end{array}$

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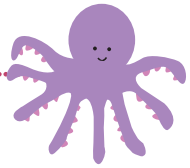
Multiply It!

Solve each **multiplication word problem**. Show your work!

An octopus has 8 legs. Kyle counted 5 octopi in the tank. How many legs are there in the tank?



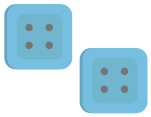
Vera owns 17 pairs of socks. How many socks does she have in all?

Eric owns 12 pairs of sunglasses. Alan owns 3 times more than Eric owns. How many pairs of sunglasses does Alan own?

Peter Planter has 7 rows of pineapple plants with 8 plants in each row. How many pineapple plants does he have?

Uri and his family eat 2 loaves of bread a day. Each loaf has 6 slices. How many slices of bread do Uri and his family eat in 4 days?

Yolanda makes 3 sweaters a day. She sews 6 buttons onto each sweater she makes. How many buttons will she sew in 3 days?



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Numbers Party!

All of the numbers are off partying! It's up to you to complete each equation by writing the missing digit or digits in the box.

$3 \times \square = 6$	$4 \times \square = 20$	$5 \times 5 = \square$
$\square \times 6 = 48$	$5 \times 6 = \square$	$\square \times 7 = 42$
$6 \times \square = 18$	$\square \times 2 = 14$	$8 \times \square = 64$
$\square \times 4 = 8$	$6 \times \square = 0$	$6 \times 9 = \square$
$\square \times 8 = 32$	$9 \times \square = 27$	$7 \times \square = 28$
$10 \times 1 = \square$	$7 \times 8 = \square$	$\square \times 5 = 45$

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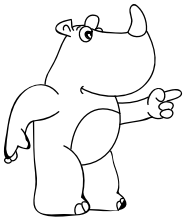
Multiplication with Regrouping

Multiplication with regrouping is the easiest way to multiply by large numbers.
Follow the steps below to learn how.



-First, multiply the numbers in the ones place.

-Write your result in the ones place and carry any number in the tens place forward.

-Next, multiply the number in the tens place by the bottom number in the ones place.

-Add the extra number you carried over to your result and write this number in the tens place.

Example:

Multiply the ones place.

7 x 3 = 21

$$\begin{array}{r} 17 \\ \times\ 3 \\ \hline 1 \end{array}$$

Carry the 2 to the tens place.

$$\begin{array}{r} {}^{2}17 \\ \times\ 3 \\ \hline 1 \end{array}$$

Multiply the tens place by the bottom ones place.

1 x 3 = 3

$$\begin{array}{r} {}^{2}17 \\ \times\ 3 \\ \hline 1 \end{array}$$

Add the extra 2 and write your result.

3 + 2 = 5

$$\begin{array}{r} {}^{2}17 \\ \times\ 3 \\ \hline 51 \end{array}$$

For each problem below, follow the steps used in the example to find your solution.
Be sure to show all of your work.

1) 24 x 3	5) 13 x 4	9) 12 x 5	13) 19 x 3	17) 14 x 4	21) 15 x 6
2) 16 x 4	6) 38 x 2	10) 29 x 3	14) 24 x 4	18) 28 x 4	22) 17 x 3
3) 16 x 2	7) 35 x 2	11) 18 x 4	15) 27 x 2	19) 13 x 7	23) 12 x 7
4) 25 x 2	8) 17 x 4	12) 36 x 2	16) 18 x 3	20) 24 x 3	24) 72 x 9

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Zoey Chase is on the Case!

Zip Code Caper: East Coast USA

4th Grade

Detective Zoey Chase is searching for Shady Steele throughout the Eastern United States after he escaped from jail in Milwaukee, Wisconsin. Help Zoey follow Shady by solving the following multiplication problems and drawing a line to each city and zip code where he stops in the order the problems are given.

1. 2,558 x 21

2,558
+ 51,160
53,718
Madison

2. 493 x 123

3. 3,853 x 12

4. 191 x 159

5. 887 x 37

6. 291 x 97

7. 221 x 96

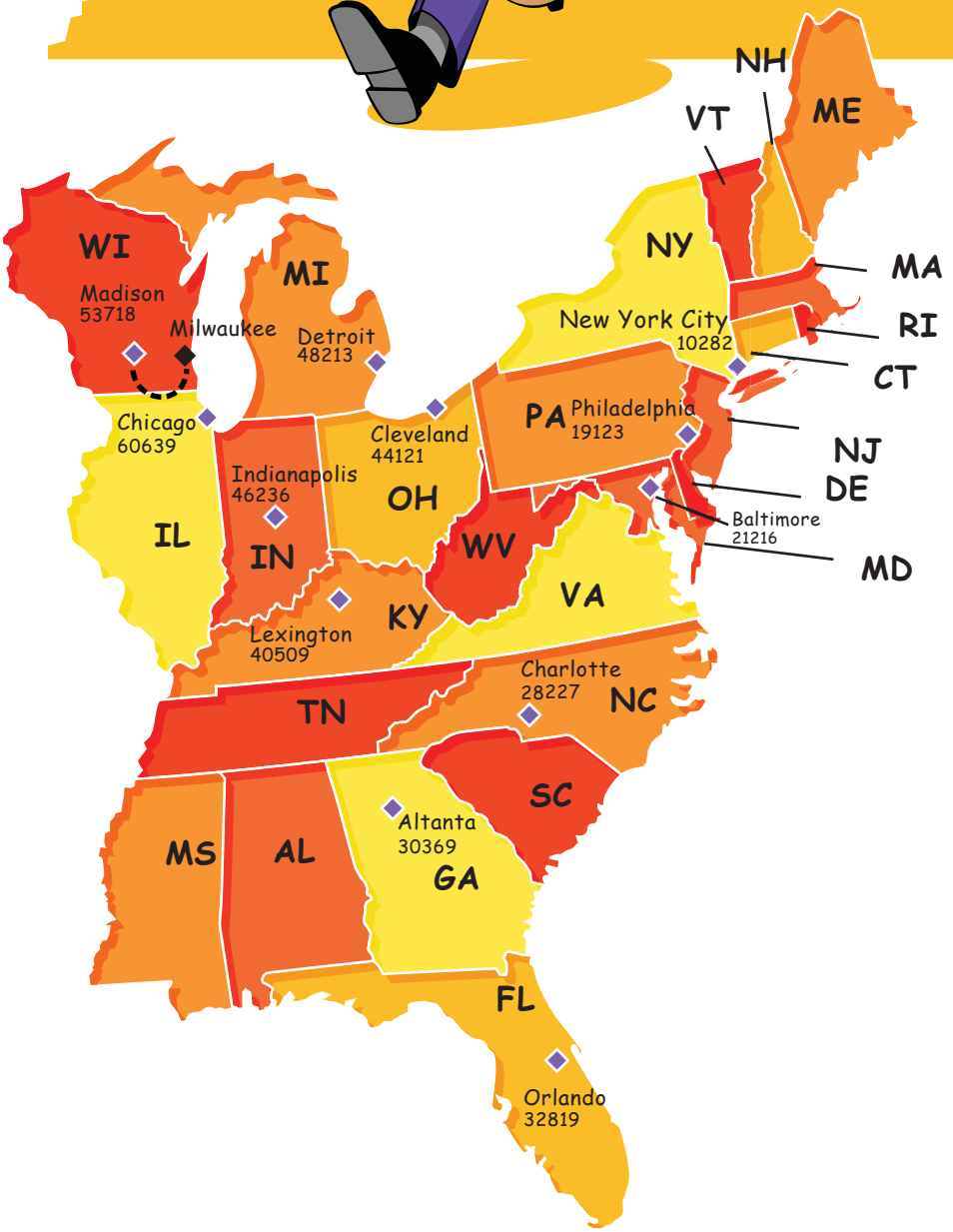
8. 1,471 x 13

9. 106 x 97

10. 643 x 63

11. 231 x 191

12. 487 x 99



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Multiplying by Multiples of 10: Practice

Solve the problems and then match the letter of the problem to the correct number at the bottom of the page to learn the punchline.

What is the strongest creature in the sea?

U: 5 x 30 = _____

E: 90 x 2 = _____

A: 4 x 70 = _____

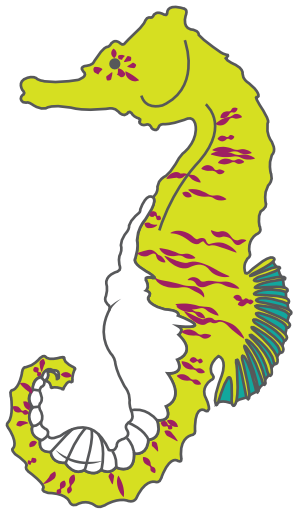
L: 20 x 8 = _____

S: 6 x 50 = _____

M: 40 x 3 = _____

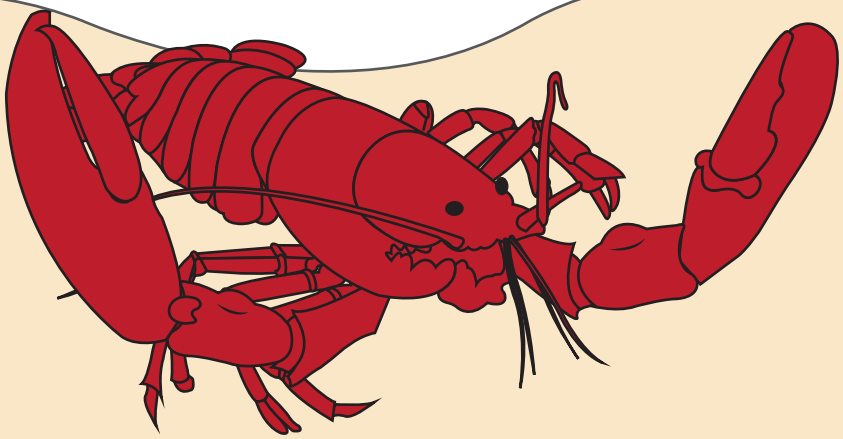
S: 60 x 5 = _____

F: 20 x 5 = _____



The Answer is:

_____	_____	_____	_____	_____	_____	_____
280	120	150	300	300	180	160



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Answer Sheets

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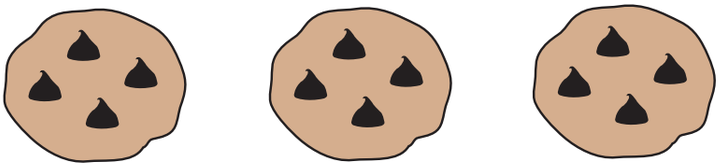
Alex's Multiplication Table
Multiplying by Ten
2-Digit by 1-Digit Multiplication
Multiplication Word Problems: Multiply It!
Multiplication Fun
Multiplication with Regrouping
Silly Seahorse Multiplication Practice

Multiplying by 3 answers

There are three cookies.
Each cookie has two chocolate chips.
How many chocolate chips in all?

3 groups of 2 chocolate chips = 3 x 2 = 6

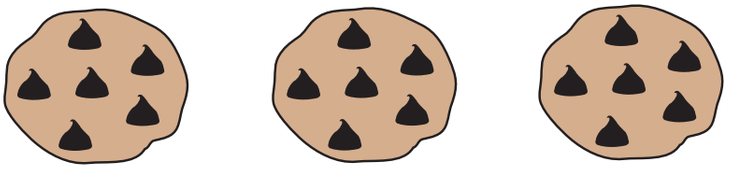
Multiply the problems below to find the total number of chocolate chips.



3 groups of 4 chips

3 x 4

12 total chips



3 groups of 6 chips

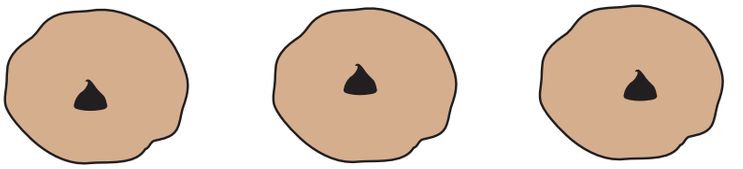
3 x 6

18 total chips

3 groups of 3 chips

3 x 3

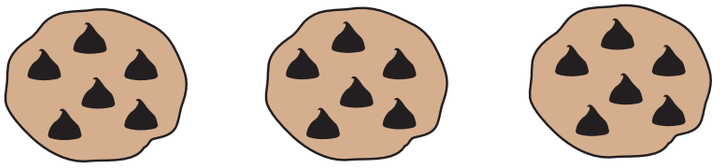
9 total chips



3 groups of 1 chips

3 x 1

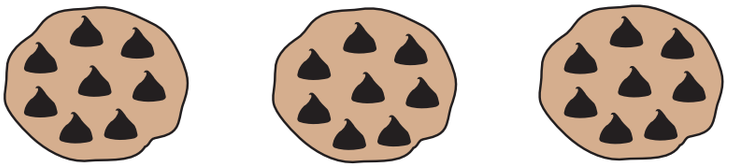
3 total chips



3 groups of 6 chips

3 x 6

18 total chips



3 groups of 8 chips

3 x 8

24 total chips

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ANSWER SHEET

Multiply!

Help Alex the multiplication sign complete his multiplication table.

x	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10
2	0	2	4	6	8	10	12	14	16	18	20
3	0	3	6	9	12	15	18	21	24	27	30
4	0	4	8	12	16	20	24	28	32	36	40
5	0	5	10	15	20	25	30	35	40	45	50
6	0	6	12	18	24	30	36	42	48	54	60
7	0	7	14	21	28	35	42	49	56	63	70
8	0	8	16	24	32	40	48	56	64	72	80
9	0	9	18	27	36	45	54	63	72	81	90
10	0	10	20	30	40	50	60	70	80	90	100

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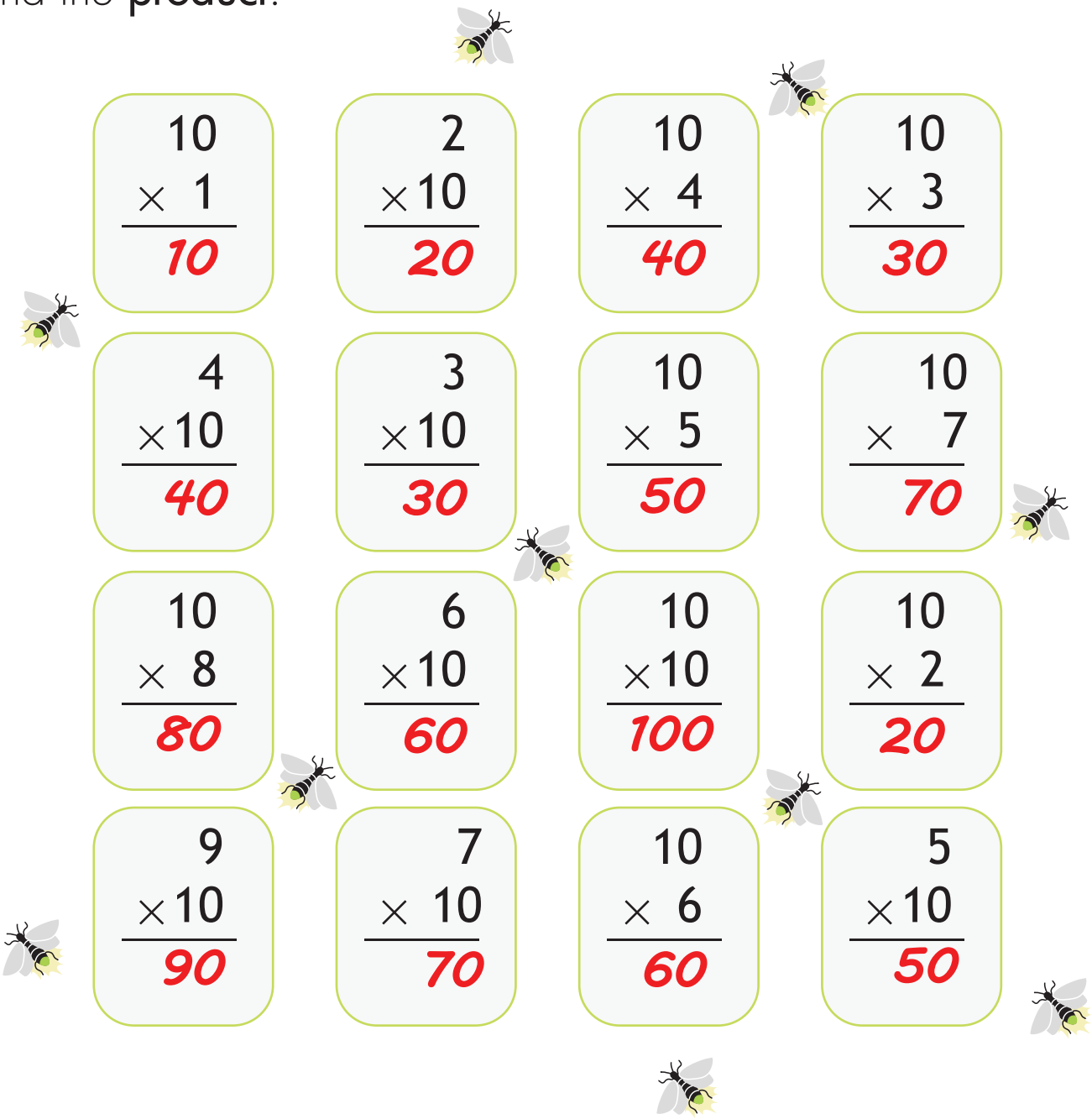
Multiplying by Ten

Find the **product**.



10 × 1 = 10	2 × 10 = 20	10 × 4 = 40	10 × 3 = 30
4 × 10 = 40	3 × 10 = 30	10 × 5 = 50	10 × 7 = 70
10 × 8 = 80	6 × 10 = 60	10 × 10 = 100	10 × 2 = 20
9 × 10 = 90	7 × 10 = 70	10 × 6 = 60	5 × 10 = 50

Fill in the multiplication chart.

x	1	2	3	4	5	6	7	8	9	10
10	10	20	30	40	50	60	70	80	90	100

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ANSWER SHEET

Movie Multiplication

Find the **product** using **regrouping**
Show your work!

$^{2}49 \times 3 = 147$	$^{2}76 \times 4 = 304$	$^{1}25 \times 2 = 50$
$^{2}33 \times 8 = 264$	$^{5}18 \times 7 = 126$	$^{3}54 \times 8 = 432$
$^{2}69 \times 3 = 207$	$^{1}42 \times 5 = 210$	$84 \times 2 = 168$
$^{3}75 \times 7 = 525$	$^{1}56 \times 3 = 168$	$^{1}92 \times 6 = 552$

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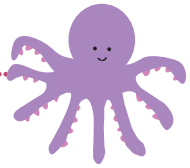
Multiply It!

Solve each **multiplication word problem**. Show your work!

An octopus has 8 legs.
Kyle counted 5 octopi in the tank.
How many legs are there in the tank?



8x5=40

There are 40 legs in the tank.

Vera owns 17 pairs of socks.
How many socks does she have in all?

17x2=34

Vera owns 34 socks.

Eric owns 12 pairs of sunglasses.
Alan owns 3 times more than Eric owns. How many pairs of sunglasses does Alan own?

12x3=36

Alan owns 36 pairs of sunglasses.

Peter Planter has 7 rows of pineapple plants with 8 plants in each row. How many pineapple plants does he have?

7x8=56

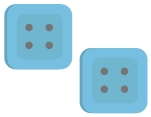
Peter Planter has 56 pineapple plants.

Uri and his family eat 2 loaves of bread a day. Each loaf has 6 slices. How many slices of bread do Uri and his family eat in 4 days?

2x6x4=48

Uri and his family eat 48 slices of bread in 4 days.

Yolanda makes 3 sweaters a day.
She sews 6 buttons onto each sweater she makes. How many buttons will she sew in 3 days?



3x6x3=54

Yolanda sews 54 buttons in 3 days.

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Numbers Party!

All of the numbers are off partying! It's up to you to complete each equation by writing the missing digit or digits in the box.

$3 \times 2 = 6$	$4 \times 5 = 20$	$5 \times 5 = 25$
$8 \times 6 = 48$	$5 \times 6 = 30$	$6 \times 7 = 42$
$6 \times 3 = 18$	$7 \times 2 = 14$	$8 \times 8 = 64$
$2 \times 4 = 8$	$6 \times 0 = 0$	$6 \times 9 = 54$
$4 \times 8 = 32$	$9 \times 3 = 27$	$7 \times 4 = 28$
$10 \times 1 = 10$	$7 \times 8 = 56$	$9 \times 5 = 45$

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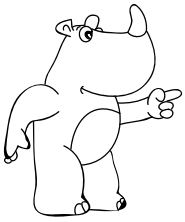
Multiplication with Regrouping

Multiplication with regrouping is the easiest way to multiply by large numbers.
Follow the steps below to learn how.



-First, multiply the numbers in the ones place.

-Write your result in the ones place and carry any number in the tens place forward.

-Next, multiply the number in the tens place by the bottom number in the ones place.

-Add the extra number you carried over to your result and write this number in the tens place.

Example:

Multiply the ones place.

7 x 3 = 21

$$\begin{array}{r} 17 \\ \times\ 3 \\ \hline 1 \end{array}$$

Carry the 2 to the tens place.

$$\begin{array}{r} {}^{2}17 \\ \times\ 3 \\ \hline 1 \end{array}$$

Multiply the tens place by the bottom ones place.

1 x 3 = 3

$$\begin{array}{r} {}^{2}17 \\ \times\ 3 \\ \hline 1 \end{array}$$

Add the extra 2 and write your result.

3 + 2 = 5

$$\begin{array}{r} {}^{2}17 \\ \times\ 3 \\ \hline 51 \end{array}$$

For each problem below, follow the steps used in the example to find your solution.
Be sure to show all of your work.

1) 24 x 3 = 72	5) 13 x 4 = 52	9) 12 x 5 = 60	13) 19 x 3 = 57	17) 14 x 4 = 56	21) 15 x 6 = 90
2) 16 x 4 = 64	6) 38 x 2 = 76	10) 29 x 3 = 87	14) 24 x 4 = 96	18) 28 x 4 = 112	22) 17 x 3 = 51
3) 16 x 2 = 32	7) 35 x 2 = 70	11) 18 x 4 = 72	15) 27 x 2 = 54	19) 13 x 7 = 91	23) 12 x 7 = 84
4) 25 x 2 = 50	8) 17 x 4 = 68	12) 36 x 2 = 72	16) 18 x 3 = 54	20) 24 x 3 = 72	24) 72 x 9 = 648

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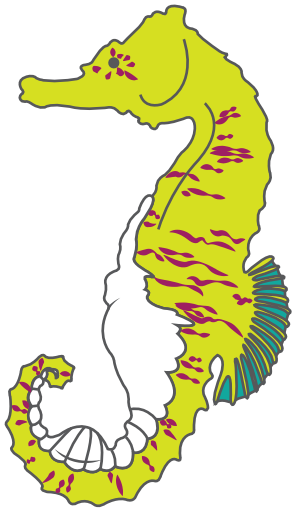
Multiplying by Multiples of 10: Practice

Solve the problems and then match the letter of the problem to the correct number at the bottom of the page to learn the punchline.

What is the strongest creature in the sea?



U: 5 x 30 = 150

E: 90 x 2 = 180

A: 4 x 70 = 280

L: 20 x 8 = 160

S: 6 x 50 = 300

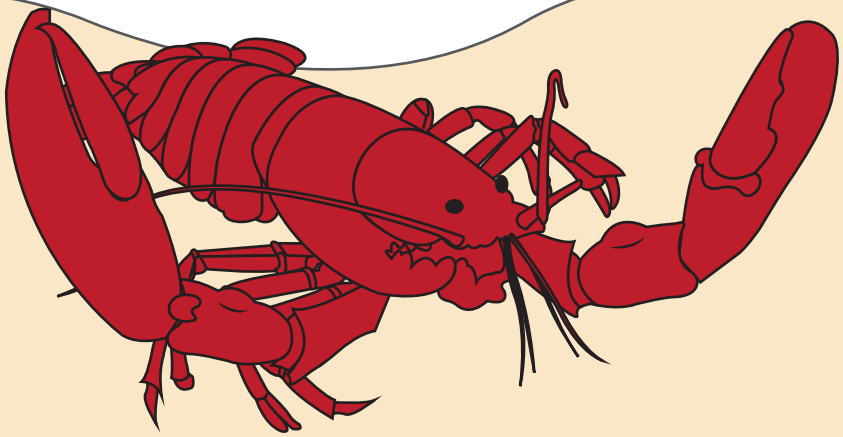
M: 40 x 3 = 120

S: 60 x 5 = 300

F: 20 x 5 = 100

The Answer is:

A	M	U	S	S	E	L
280	120	150	300	300	180	160



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