Learn to MULTIPLY



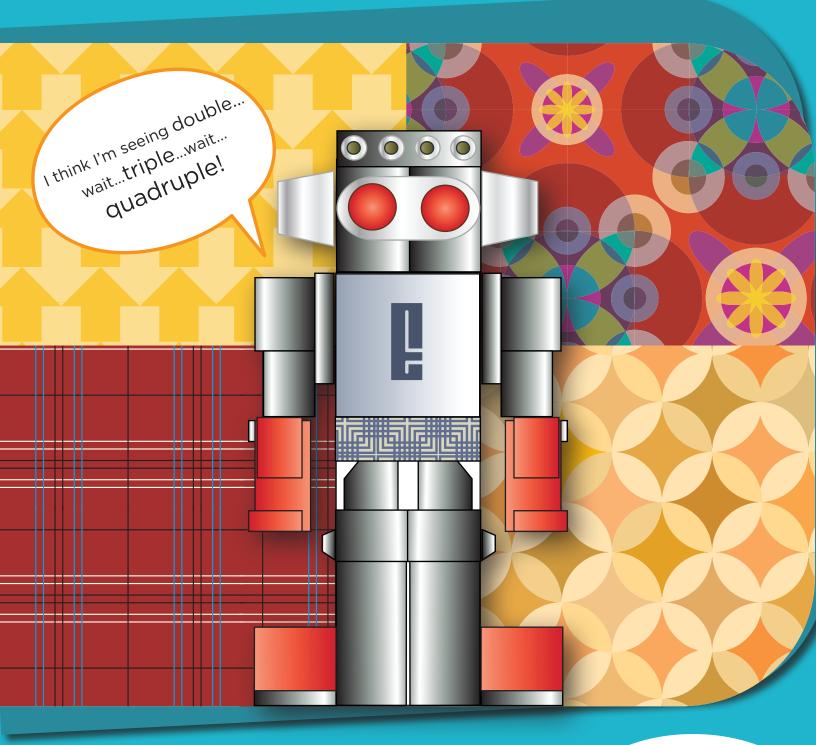




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Missing Number Puzzles #3

Missing Number Puzzles #4

Missing Number Puzzles #5

Missing Number Puzzles #6

Missing Number Puzzles #7

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Multiplication Color by Number #1 *

Multiplication Color by Number #2 *

Multiplication Color by Number #3 *

Multiplication Color by Number #4 *

Multiplication Color by Number #5 *

Math-Go-Round #1

Math-Go-Round #2

Math-Go-Round #3

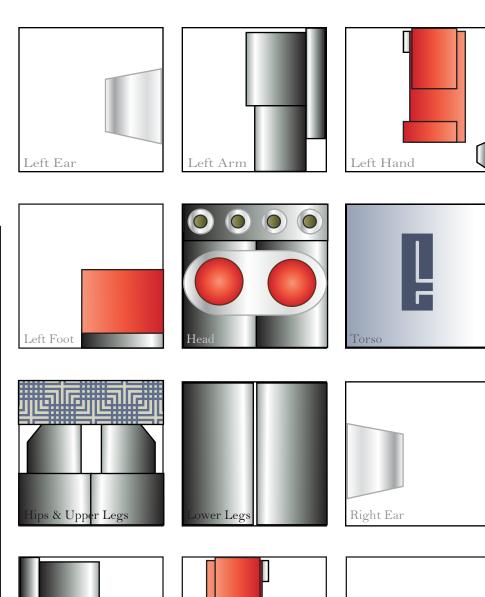
Certificate of Completion
Answer Sheets

* Has an Answer Sheet

Silver Robot Multiplication Squares

First, solve the problems below. In each answer box you will find the body part name that goes with your answer. Then cut out and arrange the body part squares from left to right, starting with the lowest number and ending with the highest to make your own robot. Your robot should be 3 squares wide by 4 squares tall. You can paste your final robot on another piece of paper.

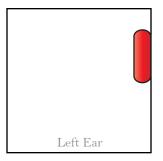
| | | | r |
|-------------------|-------------|-------------|-------------|
| 9 | 2 | 4 | 7 |
| × 3 | 2 × 5 | × 8 | $\times 2$ |
| | | | |
| | | | |
| Hing & Unnon Logg | Dight For | Left Foot | Torso |
| Hips & Upper Legs | Right Ear | Left root | Torso |
| 1 | 7 | 1 | 5 |
| $\times 7$ | $\times 7$ | $\times 4$ | × 3 |
| | | | |
| | | | |
| | | | |
| Head | Lower Legs | Left Ear | Right Arm |
| 8 | 6 | 2 | 2 |
| $\times 7$ | × 5 | × 6 | × 8 |
| | | | |
| | | | |
| | | | |
| Right Foot | Right Hand | Left Arm | Left Hand |

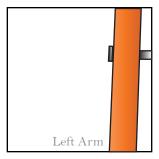


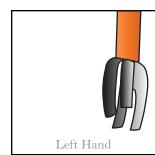
Right Foo

Right Hand

Yellow Robot Multiplication Squares

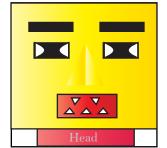




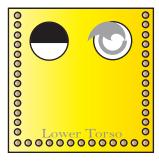


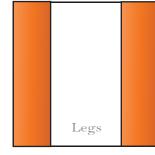
| 3 | 8 | 1 | 3 |
|-------------|---------------------|---------------------|---------------------|
| $\times 7$ | $\frac{\times 7}{}$ | <u>× 5</u> | $\frac{\times 2}{}$ |
| | | | |
| Upper Torso | Legs | Left Ear | Head |
| 6 | 8 | 4 | 4 |
| $\times 7$ | <u>× 5</u> | $\frac{\times 7}{}$ | <u>× 6</u> |
| | | | |
| | | | |
| Left Foot | Right Hand | Left Hand | Right Arm |
| 4 | 6 | 9 | 8 |
| $\times 2$ | <u>×3</u> | <u>× 8</u> | $\frac{\times 4}{}$ |
| | | | |
| | | | |
| Right Ear | Left Arm | Right Foot | Lower Torso |

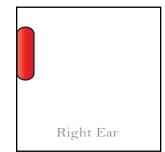


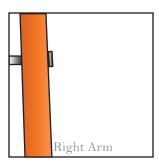




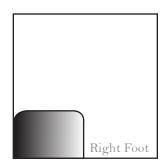






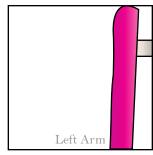


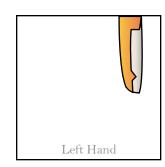




Pink Robot Multiplication Squares

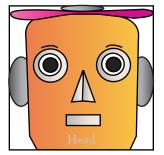




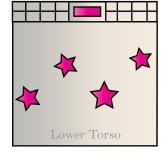


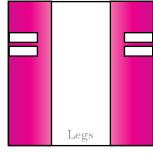
| 3 | 4 | 6 | 1 |
|---------------|---------------------|---------------------|--------------|
| <u>×4</u> | $\frac{\times 7}{}$ | $\frac{\times 7}{}$ | <u>× 5</u> |
| | | | |
| Left Arm | Left Hand | Right Hand | Left Earring |
| 5 | 6 | 7 | 3 |
| $\times 5$ | <u>×8</u> | <u>× 5</u> | <u>× 2</u> |
| | | | |
| Right Arm | Left Foot | Lower Torso | Head |
| 4 | 8 | 6 | 2 |
| $\times 2$ | $\times 7$ | <u>×9</u> | <u>×9</u> |
| | | | |
| Right Earring | Right Foot | Legs | Upper Torso |

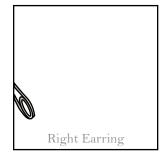


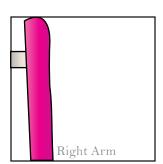


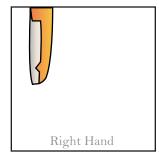


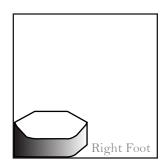






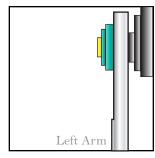


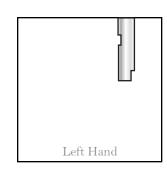




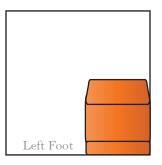
Orange Robot Multiplication Squares

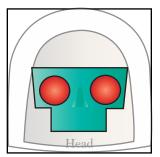






| 1 | 7 | 0 | 0 |
|-------------|--|---------------------------------------|---------------|
| 1 | $\frac{7}{2}$ | 8 | $\frac{2}{2}$ |
| <u>×9</u> | <u>× 2</u> | <u>× 3</u> | <u>× 9</u> |
| | | · · · · · · · · · · · · · · · · · · · | |
| | | | |
| Head | Left Arm | Left Hand | Right Arm |
| | | | - |
| 8 | 4 | 7 | 8 |
| $\times 7$ | × 3 | $\times 7$ | × 6 |
| | | | |
| | | | |
| | | | |
| Right Foot | Right Ear | Legs | Left Foot |
| 5 | 1 | 9 | 3 |
| $\times 5$ | $\times 4$ | × 3 | × 5 |
| | —————————————————————————————————————— | ~ 0 | |
| | | | |
| | | | |
| Lower Torso | Left Ear | Right Hand | Upper Torso |

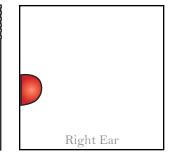


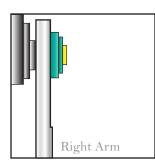


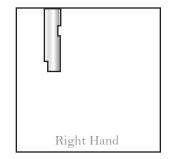


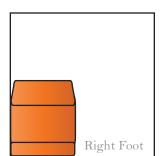






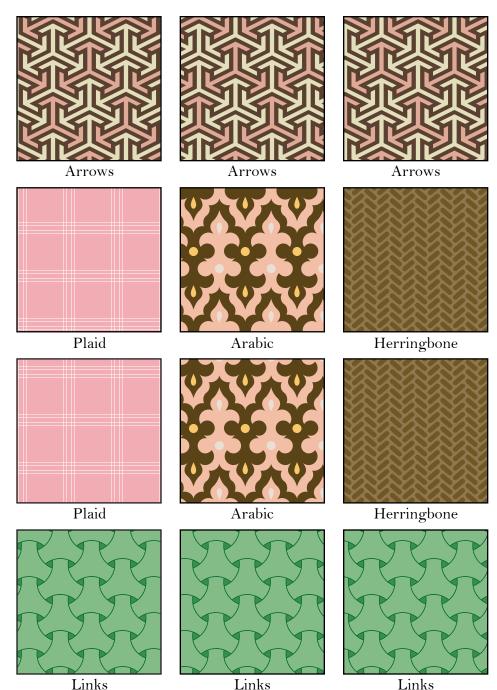






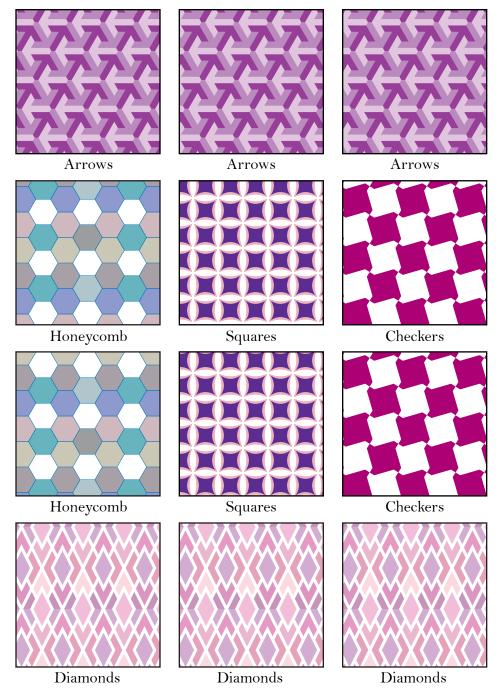
Arabic Multiplication Quilt

| 4 | 6 | 4 | 1 |
|---------------------|---------------------|---------------------|------------|
| $\times 5$ | × 5 | ×8 | × 3 |
| Arabic | Arrows | Herringbone | Arrows |
| 3 | 1 | 7 | 2 |
| $\times 3$ | $\frac{\times 7}{}$ | $\frac{\times 7}{}$ | <u>× 5</u> |
| | | | |
| Herringbone | Plaid | Arabic | Links |
| 8 | 4 | 5 | 2 |
| $\frac{\times 7}{}$ | $\times 4$ | <u>× 5</u> | <u>× 6</u> |
| | | | |
| Links | Plaid | Links | Arrows |



Checkers Multiplication Quilt

| 9 × 4 | 3 × 2 | 6 × 7 | 7 × 7 |
|------------|------------|---|---------------------|
| <u> </u> | <u>~2</u> | <u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u> | ~ , |
| Honeycomb | Honeycomb | Diamonds | Checkers |
| 8 | 4 | 5 | 8 |
| <u>× 9</u> | <u>× 6</u> | <u>× 8</u> | $\frac{\times 4}{}$ |
| | | | |
| Diamonds | Squares | Checkers | Diamonds |
| 8 | 1 | 9 | 7 |
| $\times 6$ | $\times 5$ | <u>× 5</u> | <u>× 5</u> |
| | | | |
| Sqaures | Arrows | Arrows | Arrows |



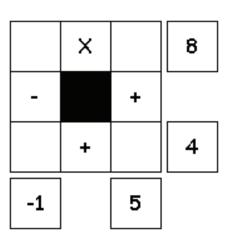
These puzzles are tricky!

Use 1 through 4 to finish each equation. Use each number only once.

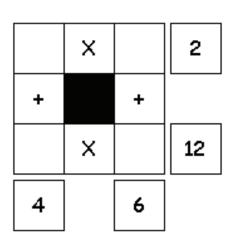
Each column is a math equation. Each row is a math equation.

HINT: Multiply BEFORE you add and subtract!

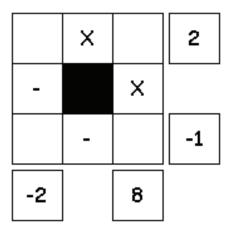
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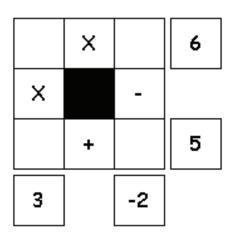
2.



3.

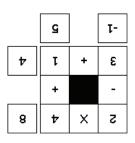


4.

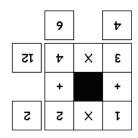


Answers

1.



2.



3.

| | 8 | | 2- |
|----|----------|---|----|
| Ţ- | 7 | - | £ |
| | × | | - |
| г | г | Х | τ |

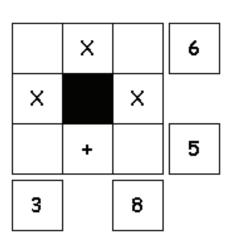
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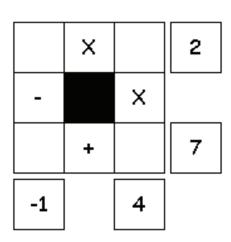
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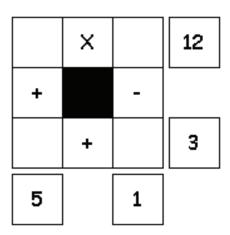
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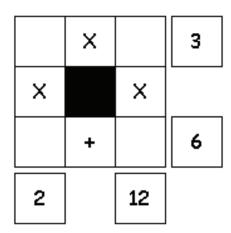
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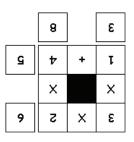


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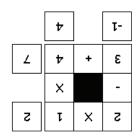


Answers

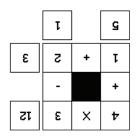
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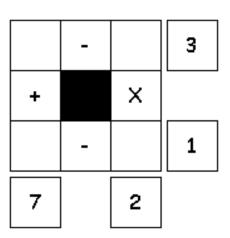
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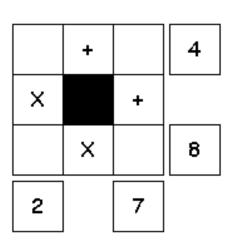
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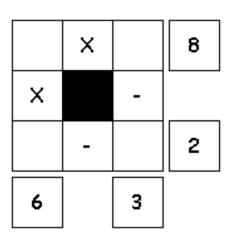
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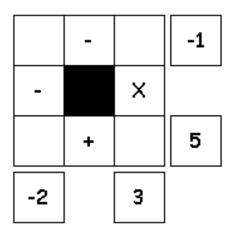
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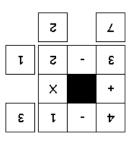


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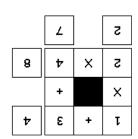


Answers

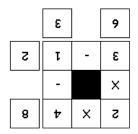
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2.



3.



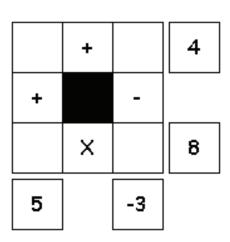
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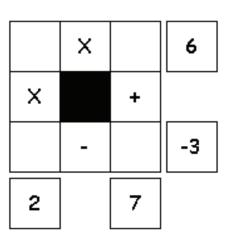
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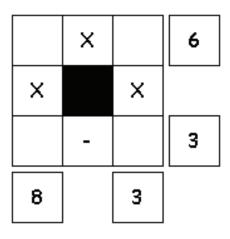
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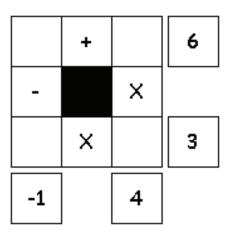
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3.

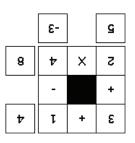


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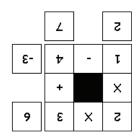


Answers

1.



2.



3.

| | 3 | | 8 |
|---|---|---|---|
| 3 | τ | - | t |
| | × | | × |
| 9 | 3 | х | S |

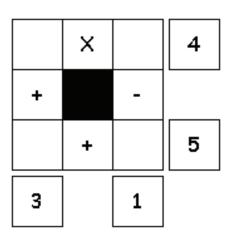
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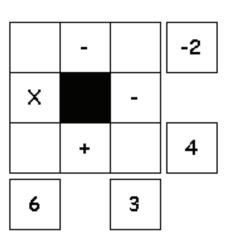
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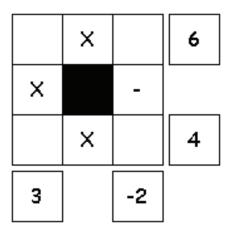
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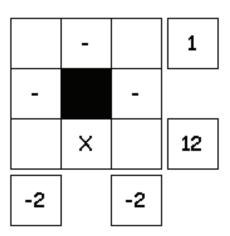
2.



3.

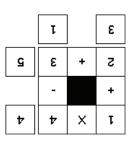


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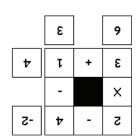


Answers

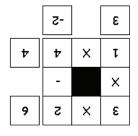
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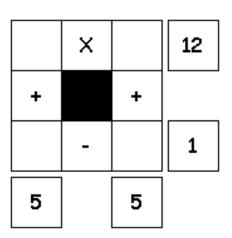
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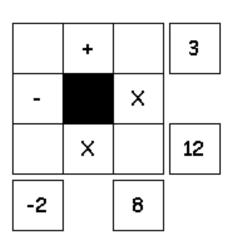
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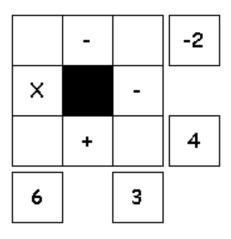
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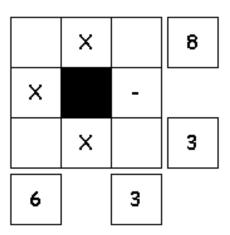
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3.

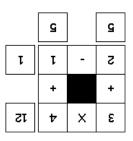


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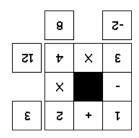


Answers

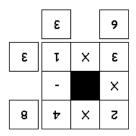
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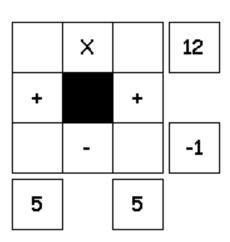
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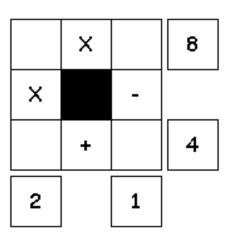
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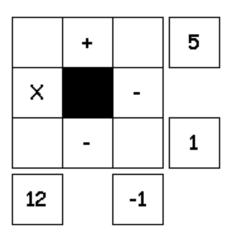
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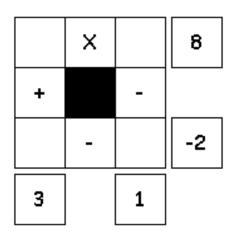
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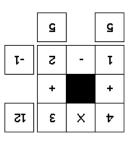


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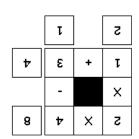


Answers

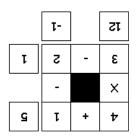
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3.

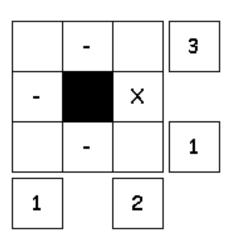


These puzzles are tricky!

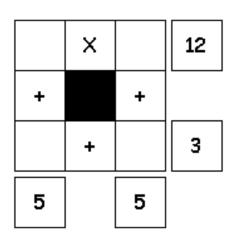
Use 1 through 4 to finish each equation. Use each number only once. Each column is a math equation. Each row is a math equation.

HINT: Multiply BEFORE you add and subtract!

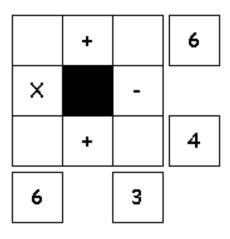
1.



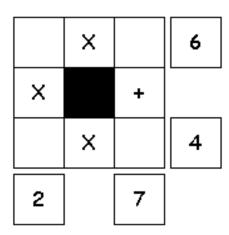
2.



3.

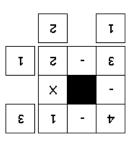


4.

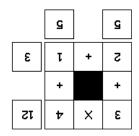


Answers

1.



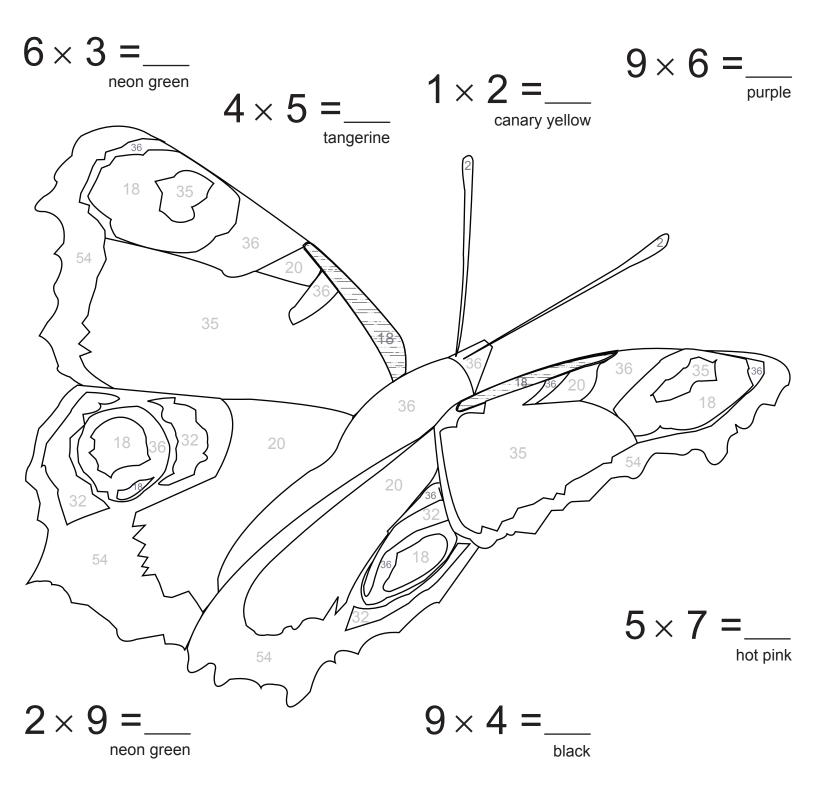
2.



3.

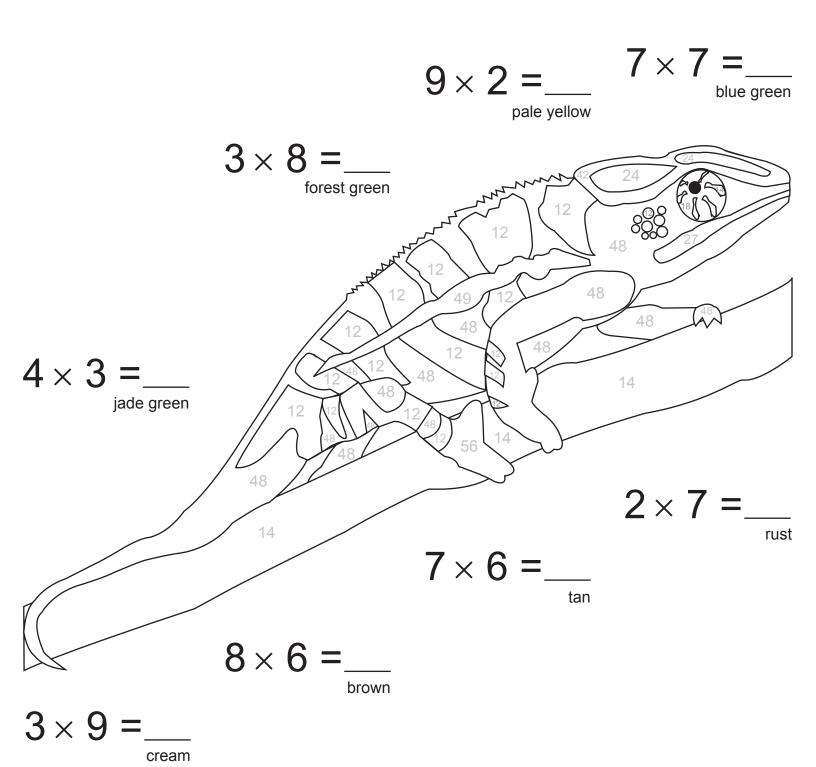
| | 3 | | 9 |
|---|---|---|---|
| Þ | τ | + | £ |
| | - | | Х |
| 9 | t | + | S |

Once you have solved the muliplication problems below, you can color in the butterfly using the color that is listed under each answer.

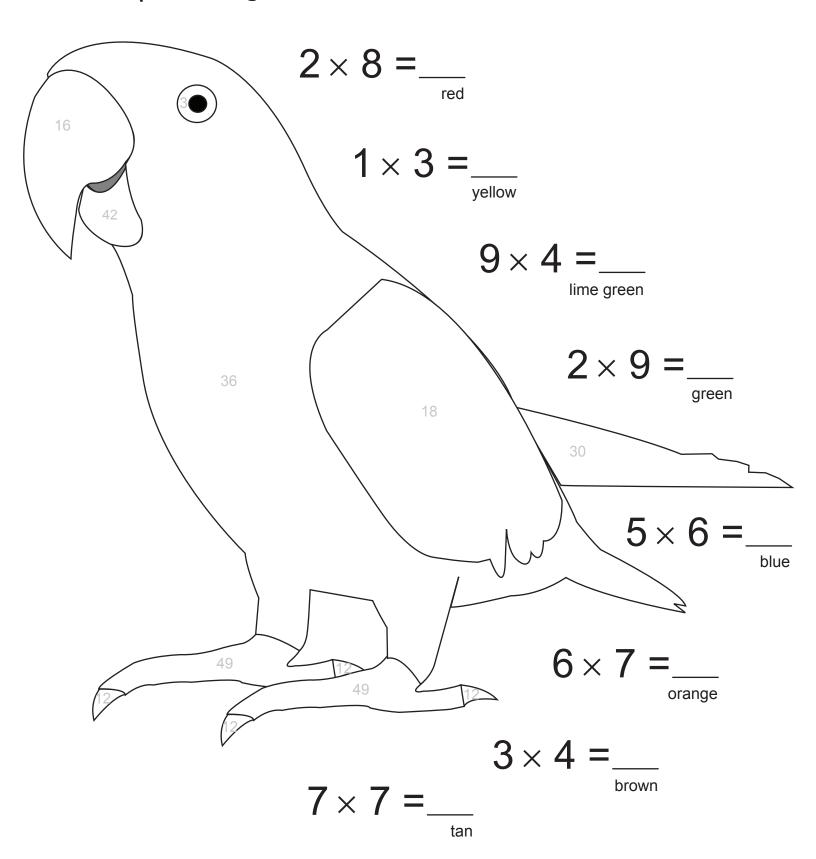


$$8 \times 4 = \underline{}_{violet}$$

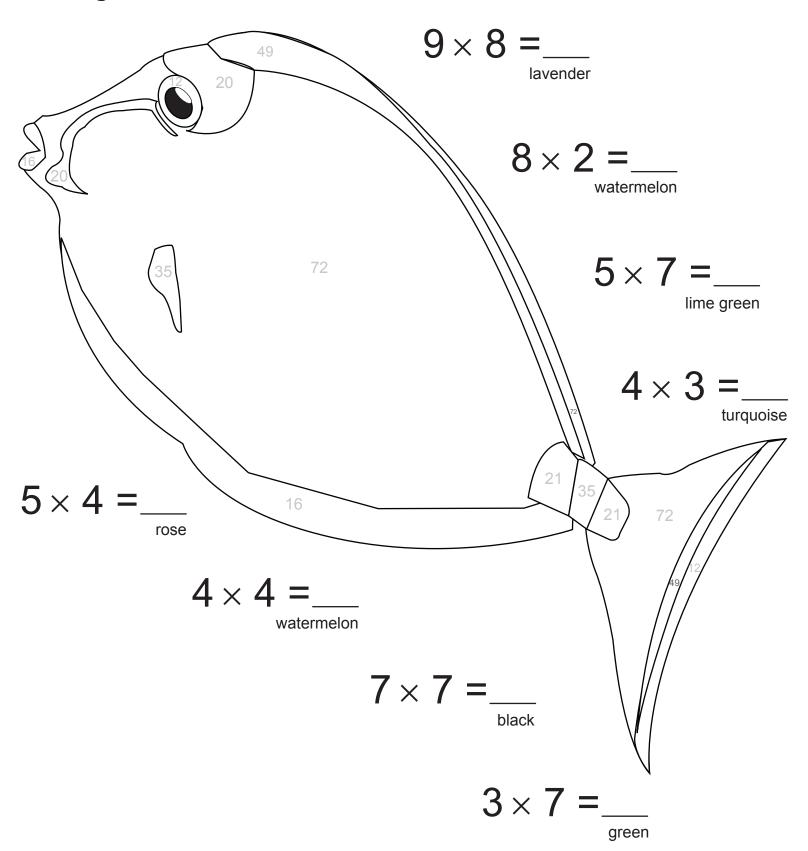
Once you have solved the muliplication problems below, you can color in the chameleon using the color that is listed under each answer.



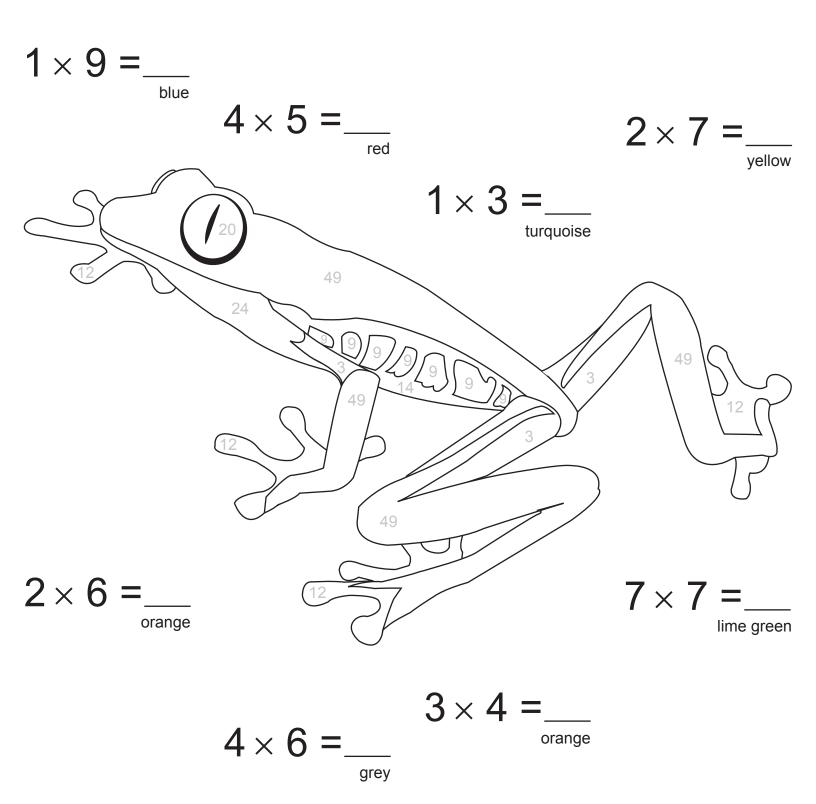
Once you have solved the muliplication problems on the right, you can color in the parrot using the color that is listed under each answer.



Once you have solved the muliplication problems below, you can color in the fish using the color that is listed under each answer.



Once you have solved the muliplication problems below, you can color in the tree frog using the color that is listed under each answer.



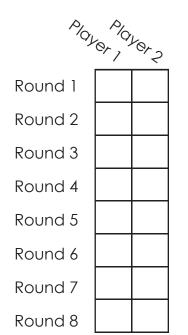


Multiplication | Difficulty: ★☆☆☆

Find a friend and practice your multiplication skills. Find two coins or game pieces and place them on the square labeled **START**. Choose one of the problems to solve and move your game piece clockwise around the board to that problem's answer.

Keep track of the number of corners you go around on each move. For each one, give yourself a point. The player with the most points at the end is the winner.

Keep score with the table below.



Total

| *I Point | 21 | 49 | 7 | 9 | †I Point |
|----------|-----------------|-----------------|-----------------|-----------------|----------|
| 24 | 5 x2 | 3 x3 | 6 <u>x 4</u> | 8 x2 | 6 |
| 35 | 7 <u>x3</u> | 5 x 5 | 8 x7 | 3 x2 | 12 |
| 25 | 7 <u>x 1</u> | 9 <u>x 6</u> | 4 <u>x3</u> | 7 <u>x 5</u> | 10 |
| 48 | 9 <u>x8</u> | 7 x7 | 8 <u>x 6</u> | 5 _x3 | 15 |
| +1 Point | 56 | 16 | 72 | 54 | †I Point |

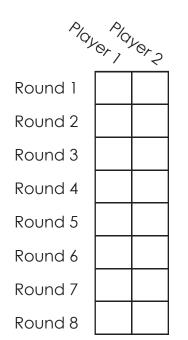


Multiplication | Difficulty: ★★☆☆

Find a friend and practice your multiplication skills. Find two coins or game pieces and place them on the square labeled **START**. Choose one of the problems to solve and move your game piece clockwise around the board to that problem's answer.

Keep track of the number of corners you go around on each move. For each one, give yourself a point. The player with the most points at the end is the winner.

Keep score with the table below.



Total

| †I Point | 133 | 48 | 60 | 80 | +I Point |
|----------|------------------|------------------|------------------|------------------|----------|
| 126 | 13 x 4 | 20 x 3 | 15 x 6 | 12 <u>x 7</u> | 90 |
| 52 | 12 x 9 | 10 x 8 | 16 <u>x 6</u> | 12 <u>x 4</u> | 180 |
| 105 | 18 <u>x 7</u> | 15 x 8 | 20 x 9 | 19 <u>x 7</u> | 88 |
| 84 | 15 <u>x 7</u> | 11 <u>x 8</u> | 14 <u>x 4</u> | 14 <u>x 7</u> | 96 |
| +1 Point | 98 | 108 | 120 | 56 | †I Point |

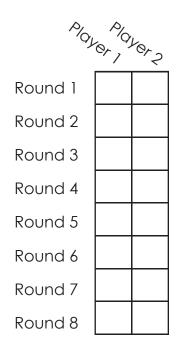


Multiplication | Difficulty: ★★☆

Find a friend and practice your multiplication skills. Find two coins or game pieces and place them on the square labeled **START**. Choose one of the problems to solve and move your game piece clockwise around the board to that problem's answer.

Keep track of the number of corners you go around on each move. For each one, give yourself a point. The player with the most points at the end is the winner.

Keep score with the table below.



Total

| +1 Point | 456 | 2,107 | 140 | 169 | +1 Point |
|----------|-------------------|------------|-------------------|------------|----------|
| 840 | 25 x 14 | 16 x 13 | 42 × 20 | 13 x 13 | 850 |
| 1,820 | 50 x 17 | 45 × 39 | 14 x 10 | 18 x 12 | 208 |
| 1,376 | 30 x 23 | 65 x 28 | 16 x 16 | 78 x 59 | 216 |
| 256 | 24 <u>x 19</u> | 43 × 32 | 31 <u>x 27</u> | 49 × 43 | 350 |
| +1 Point | 837 | 1,755 | 4,602 | 690 | +1 Point |

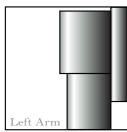


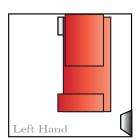
Learn to Multiply

Silver Robot Multiplication Squares
Yellow Robot Multiplication Squares
Pink Robot Multiplication Squares
Orange Robot Multiplication Squares
Arabic Multiplication Quilt
Checkers Multiplication Quilt
Multiplication Color by Number #1
Multiplication Color by Number #2
Multiplication Color by Number #3
Multiplication Color by Number #4
Multiplication Color by Number #4
Multiplication Color by Number #5

Silver Robot Multiplication Squares

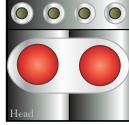
| Left Ear | |
|----------|--|





| 9 × 3 | 2 × 5 | 4 × 8 | 7 × 2 |
|-------------------|-----------------------|---------------|----------------|
| 27 | 10 | 32 | 14 |
| Hips & Upper Legs | Right Ear | Left Foot | Torso |
| 1 × 7 7 | 7 × 7 49 | 1 × 4 4 | 5 × 3 15 |
| Head | Lower Legs | Left Ear | Right Arm |
| 8 | 6 | 2 | 2 |
| $\times 7$ | $\times 5$ | <u>× 6</u> | <u>× 8</u> |
| 56 | 30 | 12 | 16 |
| Right Foot | Right Hand | Left Arm | Left Hand |



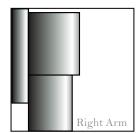


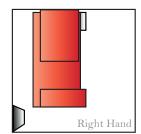








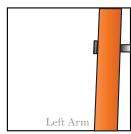


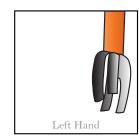




Yellow Robot Multiplication Squares

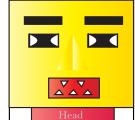


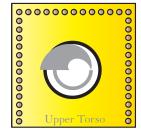




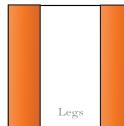
| 3 × 7 21 | 8 × 7 56 | 1 × 5 5 | $\frac{3}{\times 2}$ |
|----------------|-----------------------|----------------------|----------------------|
| Upper Torso | Legs | Left Ear | Head |
| 6 | 8 | 4 | 4 |
| × 7 | × 5 | $\times 7$ | × 6 |
| 42 | 40 | 28 | 24 |
| | | | |
| Left Foot | Right Hand | Left Hand | Right Arm |
| 4 | 6 | 9 | 8 |
| × 2 | × 3 | × 8 | × 4 |
| 8 | 18 | 72 | 32 |
| | | | |
| Right Ear | Left Arm | Right Foot | Lower Torso |

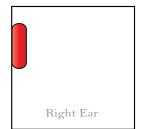


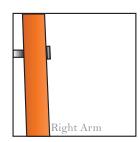










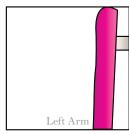






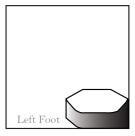
Pink Robot Multiplication Squares

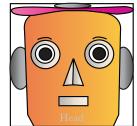




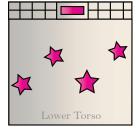


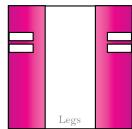
| 3 × 4 12 | 4 × 7 28 | 6 × 7 42 | 1 × 5 5 |
|-----------------------|-----------------------|-----------------------|----------------------|
| Left Arm | Left Hand | Right Hand | Left Earring |
| 5 × 5 25 | 6 × 8 48 | $\frac{7}{\times 5}$ | $\frac{3}{\times 2}$ |
| Right Arm | Left Foot | Lower Torso | Head |
| 4 | 8 | 6 | 2 |
| × 2 | $\times 7$ | × 9 | × 9 |
| 8 | 56 | 54 | 18 |
| Right Earring | Right Foot | Legs | Upper Torso |



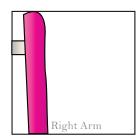




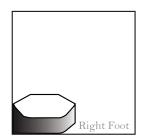




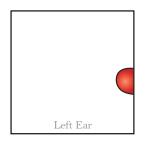


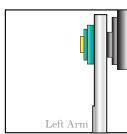


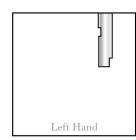




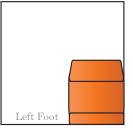
Orange Robot Multiplication Squares

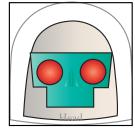






| 1 × 9 9 | 7 ×2 14 | 8 × 3 24 | 2 × 9 18 |
|----------------------|---------------|----------------|----------------|
| Head | Left Arm | Left Hand | Right Arm |
| 8 | 4 | 7 | 8 |
| $\times 7$ | × 3 | $\times 7$ | × 6 |
| 56 | 12 | 49 | 48 |
| 30 | 12 | 43 | 40 |
| Right Foot | Right Ear | Legs | Left Foot |
| 5 | 1 | 9 | 3 |
| × 5 | $\times 4$ | × 3 | × 5 |
| 25 | 4 | 27 | 15 |
| Lower Torso | Left Ear | Right Hand | Upper Torso |

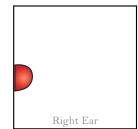


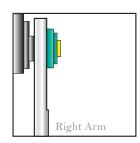


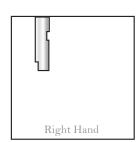








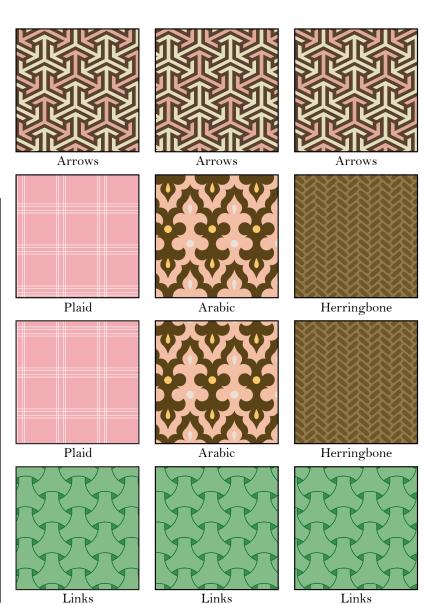






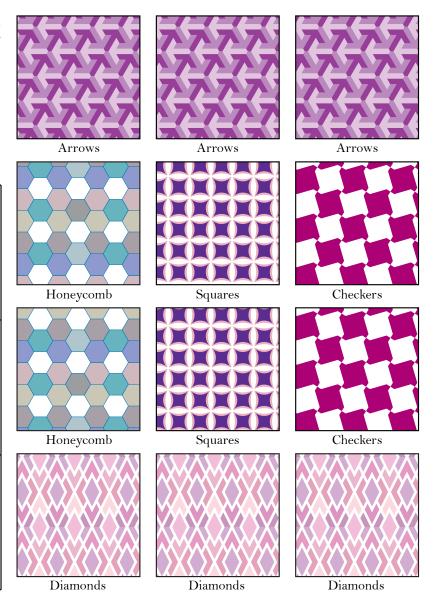
Arabic Multiplication Quilt

| 4 | 6 | 4 | 1 |
|-------------|------------|-------------|--------|
| $\times 5$ | × 5 | × 8 | × 3 |
| 20 | 30 | 32 | 2 |
| 20 | 30 | 32 | 9 |
| | | | |
| Arabic | Arrows | Herringbone | Arrows |
| 3 | 1 | 7 | 2 |
| × 3 | $\times 7$ | $\times 7$ | × 5 |
| | | 40 | 40 |
| 9 | 7 | 49 | 10 |
| | | | |
| Herringbone | Plaid | Arabic | Links |
| 8 | 4 | 5 | 2 |
| × 7 | × 4 | $\times 5$ | × 6 |
| <u> </u> | | | |
| 56 | 16 | 25 | 12 |
| | | | |
| Links | Plaid | Links | Arrows |



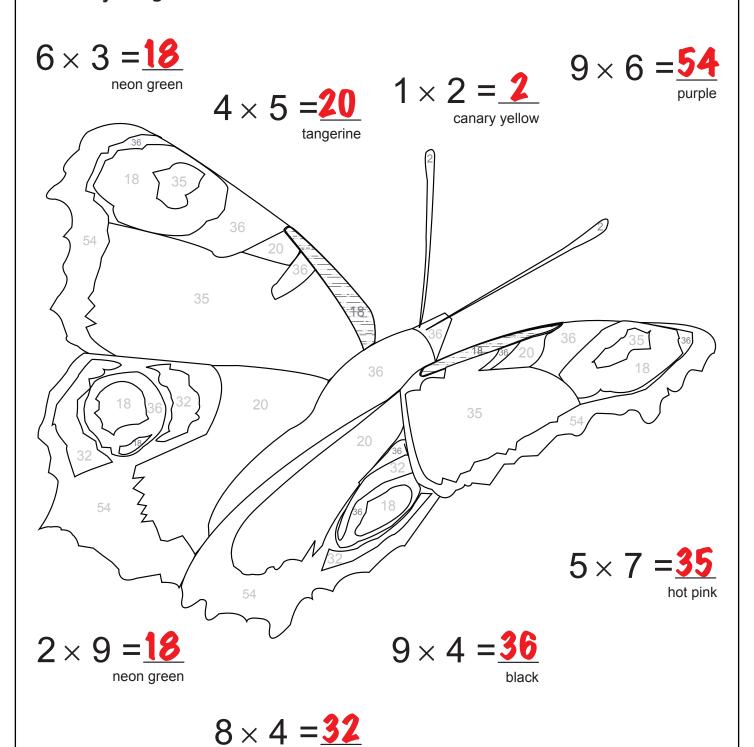
Checkers Multiplication Quilt

| 9 × 4 36 | 3 ×2 6 | 6 × 7 42 | 7 × 7 49 |
|-----------------------|-----------------------|-----------------------|-------------------------|
| Honeycomb | Honeycomb | Diamonds | Checkers |
| 8 × 9 72 | 4 × 6 24 | 5 × 8 40 | $\frac{8}{\cancel{32}}$ |
| Diamonds | Squares | Checkers | Diamonds |
| 8 | 1 | 9 | 7 |
| × 6 48 | × 5 5 | × 5 45 | × 5 35 |
| Sqaures | Arrows | Arrows | Arrows |



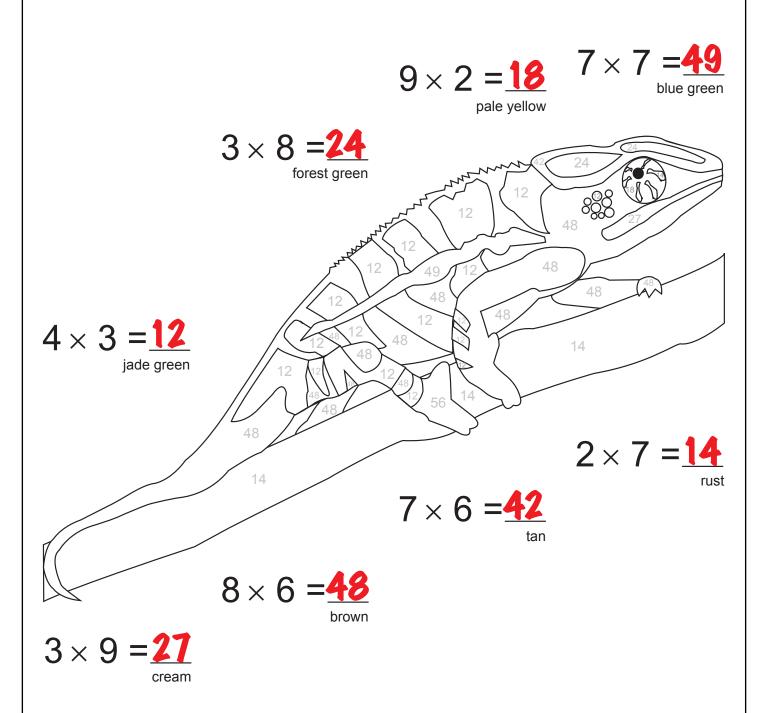
Multiplication Color By Number

Once you have solved the muliplication problems below, you can color in the butterfly using the color that is listed under each answer.



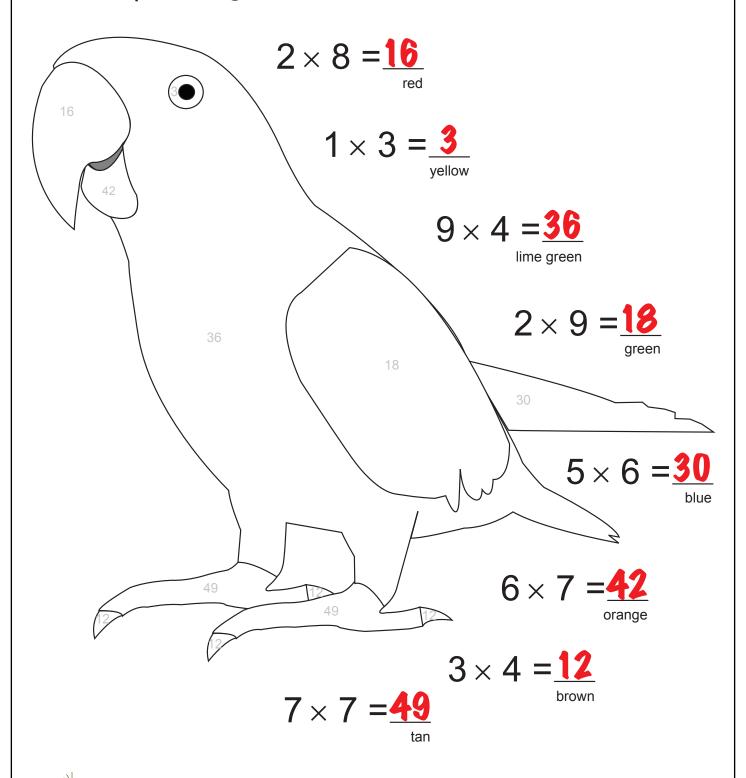
Multiplication Color By Number

Once you have solved the muliplication problems below, you can color in the chameleon using the color that is listed under each answer.



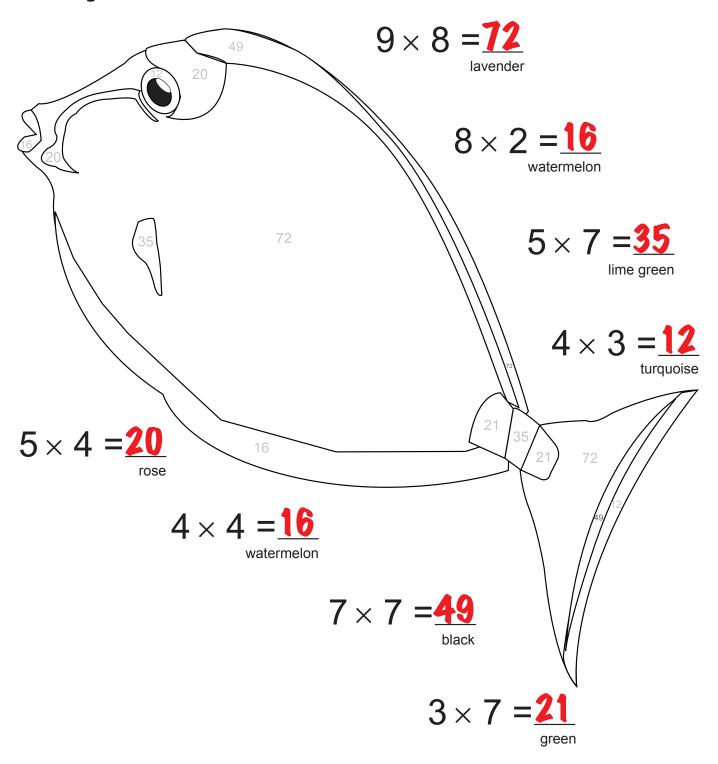
Multiplication Color By Number

Once you have solved the muliplication problems on the right, you can color in the parrot using the color that is listed under each answer.



Multiplication Color By Number

Once you have solved the muliplication problems below, you can color in the fish using the color that is listed under each answer.



Multiplication Color By Number

Once you have solved the muliplication problems below, you can color in the tree frog using the color that is listed under each answer.

$$1 \times 9 = 9$$

$$4 \times 5 = 20$$

$$1 \times 3 = 3$$

$$1 \times 3 = 3$$

$$49$$

$$2 \times 6 = 12$$

$$2 \times 6 = 12$$

$$3 \times 7 \times 7 = 49$$

$$6 \times 7 \times 7 = 49$$

$$9 \times 9 \times 9 \times 9$$

$$9 \times 9 \times 9 \times 9$$

$$1 \times 3 \times 9 \times 9$$

$$1 \times 9 \times 9$$

$$4 \times 6 = 24$$
 $3 \times 4 = 12$ orange