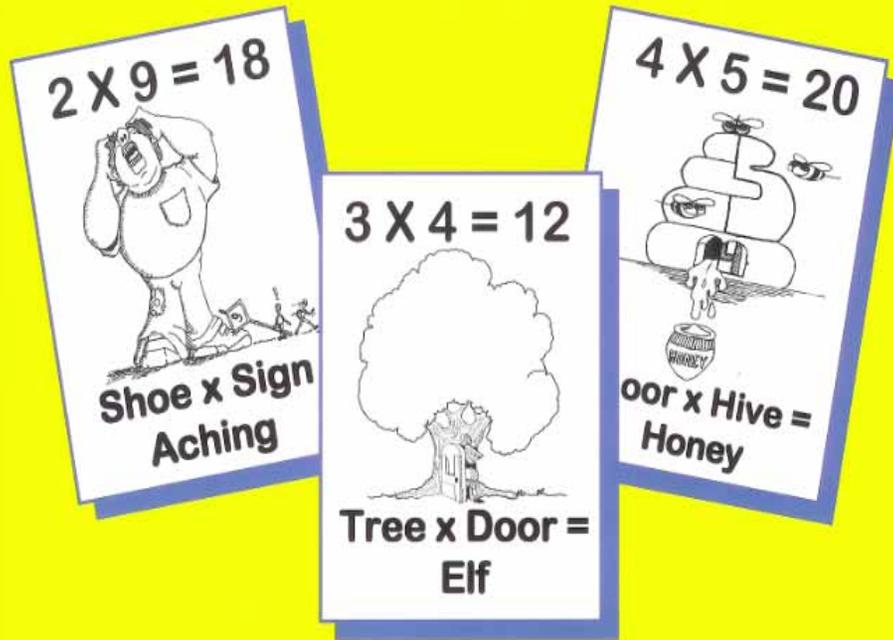


MEMORIZE IN MINUTES:

The Times Tables

The *FASTEST* and *EASIEST* way to teach the *TIMES TABLES*



STUDENT MANUAL

Alan Walker

Memorize in Minutes

The Times Tables

By Alan Walker

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Multiplication Facts

| | |
|-------------|----|
| 2 x 2 | 20 |
| 2 x 3 | 22 |
| 2 x 4 | 24 |
| 2 x 5 | 26 |
| 2 x 6 | 28 |
| 2 x 7 | 30 |
| 2 x 8 | 32 |
| 2 x 9 | 34 |
| 3 x 3 | 36 |
| 3 x 4 | 38 |
| 3 x 5 | 40 |
| 3 x 6 | 42 |
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| 4 x 5 | 52 |
| 4 x 6 | 54 |
| 4 x 7 | 56 |
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Multiplication Facts

| | |
|-------------|----|
| 4 x 9 | 60 |
| 5 x 5 | 62 |
| 5 x 6 | 64 |
| 5 x 7 | 66 |
| 5 x 8 | 68 |
| 5 x 9 | 70 |
| 6 x 6 | 72 |
| 6 x 7 | 74 |
| 6 x 8 | 76 |
| 6 x 9 | 78 |
| 7 x 7 | 80 |
| 7 x 8 | 82 |
| 7 x 9 | 84 |
| 8 x 8 | 86 |
| 8 x 9 | 88 |
| 9 x 9 | 90 |

The multiplication facts are really just a short-cut way of adding. The multiplication fact 3×5 really means $3 + 3 + 3 + 3 + 3$.

If you add $3 + 3 + 3 + 3 + 3$ you get 15. So, the multiplication fact 3×5 also equals 15.

Remember: Multiplication is just a quick way of adding.

Multiplication
Repeated Addition

$$\begin{array}{r} 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ + 3 \\ \hline 15 \end{array} \quad \begin{array}{c} \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array}$$

OR

$$3 \times 5 = 15$$

The commutative property is just a fancy way of saying it doesn't matter which number is first. The answer will be the same.

$$\begin{aligned} 3 \times 5 &= 15 \\ \text{and} \\ 5 \times 3 &= 15 \end{aligned}$$

In addition, adding 3 five times will give you the same answer as adding 5 three times.

$$\begin{aligned} 3 + 3 + 3 + 3 + 3 &= 15 \\ \text{and } 5 + 5 + 5 &= 15 \end{aligned}$$

**Commutative Property
Of Multiplication**

$$\begin{array}{r} 3 \quad \bullet \bullet \bullet \\ + 3 \quad \bullet \bullet \bullet \\ \hline 15 \end{array}$$

Five groups of three is the same as three groups of five.

$$\begin{array}{r} 5 \quad \bullet \bullet \bullet \bullet \bullet \\ 5 \quad \bullet \bullet \bullet \bullet \bullet \\ + 5 \quad \bullet \bullet \bullet \bullet \bullet \\ \hline 15 \end{array}$$

The 0's and 1's multiplication facts are really easy.

0's

Any number times 0 is always zero. When you think of it as repeated addition, it's just as easy. The multiplication fact 0×5 means zero added together five times or $0 + 0 + 0 + 0 + 0$.

1's

Any number multiplied by one is itself. The multiplication fact 6×1 means six added one time or six. Or, using the commutative property 6×1 is the same as 1×6 . Which means one added together six times or six.

Multiplication Facts

0's and 1's

$$\begin{array}{r} 6 \quad 0 \quad 9 \quad 0 \quad 5 \quad 0 \quad 7 \\ \times 0 \quad \times 2 \quad \times 0 \quad \times 4 \quad \times 0 \quad \times 3 \quad \times 0 \\ \hline 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \end{array}$$

(WOW, the zero's are EASY!)

$$\begin{array}{r} 8 \quad 1 \quad 1 \quad 5 \quad 3 \quad 4 \quad 1 \\ \times 1 \quad \times 2 \quad \times 9 \quad \times 1 \quad \times 1 \quad \times 1 \quad \times 6 \\ \hline 8 \quad 2 \quad 9 \quad 5 \quad 3 \quad 4 \quad 6 \end{array}$$

(The ones are EASY also!)

Basic Multiplication Facts

This chart shows all 100 multiplication facts

| | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 0x0 | 0x1 | 0x2 | 0x3 | 3x4 | 0x5 | 0x6 | 0x7 | 0x8 | 0x9 |
| 1 | 1x0 | 1x1 | 1x2 | 1x3 | 1x4 | 1x5 | 1x6 | 1x7 | 1x8 | 1x9 |
| 2 | 2x0 | 2x1 | 2x2 | 2x3 | 2x4 | 2x5 | 2x6 | 2x7 | 2x8 | 2x9 |
| 3 | 3x0 | 3x1 | 3x2 | 3x3 | 3x4 | 3x5 | 3x6 | 3x7 | 3x8 | 3x9 |
| 4 | 4x0 | 4x1 | 4x2 | 4x3 | 4x4 | 4x5 | 4x6 | 4x7 | 4x8 | 4x9 |
| 5 | 5x0 | 5x1 | 5x2 | 5x3 | 5x4 | 5x5 | 5x6 | 5x7 | 5x8 | 5x9 |
| 6 | 6x0 | 6x1 | 6x2 | 6x3 | 6x4 | 6x5 | 6x6 | 6x7 | 6x8 | 6x9 |
| 7 | 7x0 | 7x1 | 7x2 | 7x3 | 7x4 | 7x5 | 7x6 | 7x7 | 7x8 | 7x9 |
| 8 | 8x0 | 8x1 | 8x2 | 8x3 | 8x4 | 8x5 | 8x6 | 8x7 | 8x8 | 8x9 |
| 9 | 9x9 | 9x1 | 9x2 | 9x3 | 9x4 | 9x5 | 9x6 | 9x7 | 9x8 | 9x9 |

Look at the first chart on the next page. The shaded facts are facts you don't need to learn because of the commutative property of multiplication.

Multiplication Fact Chart (With Repeats Shaded)

| | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 0x0 | 1x0 | 2x0 | 3x0 | 4x0 | 5x0 | 6x0 | 7x0 | 8x0 | 9x0 |
| 1 | 0x1 | 1x1 | 2x1 | 3x1 | 4x1 | 5x1 | 6x1 | 7x1 | 8x1 | 9x1 |
| 2 | 0x2 | 1x2 | 2x2 | 3x2 | 4x2 | 5x2 | 6x2 | 7x2 | 8x2 | 9x2 |
| 3 | 0x3 | 1x3 | 2x3 | 3x3 | 4x3 | 5x3 | 6x3 | 7x3 | 8x3 | 9x3 |
| 4 | 0x4 | 1x4 | 2x4 | 3x4 | 4x4 | 5x4 | 6x4 | 7x4 | 8x4 | 9x4 |
| 5 | 0x5 | 1x5 | 2x5 | 3x5 | 4x5 | 5x5 | 6x5 | 7x5 | 8x5 | 9x5 |
| 6 | 0x6 | 1x6 | 2x6 | 3x6 | 4x6 | 5x6 | 6x6 | 7x6 | 8x6 | 9x6 |
| 7 | 0x7 | 1x7 | 2x7 | 3x7 | 4x7 | 5x7 | 6x7 | 7x7 | 8x7 | 9x7 |
| 8 | 0x8 | 1x8 | 2x8 | 3x8 | 4x8 | 5x8 | 6x8 | 7x8 | 8x8 | 9x8 |
| 9 | 0x9 | 1x9 | 2x9 | 3x9 | 4x9 | 5x9 | 6x9 | 7x9 | 8x9 | 9x9 |

You already know the zero and one multiplication facts. The shaded facts in the chart that follows shows the facts that are repeated, the zeros, and ones.

Multiplication Fact Chart (With Repeats, 0's and 1's Shaded)

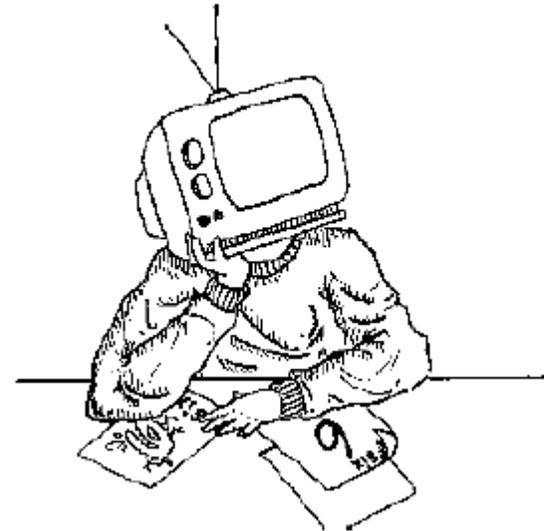
| | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 0x0 | 1x0 | 2x0 | 3x0 | 4x0 | 5x0 | 6x0 | 7x0 | 8x0 | 9x0 |
| 1 | 0x1 | 1x1 | 2x1 | 3x1 | 4x1 | 5x1 | 6x1 | 7x1 | 8x1 | 9x1 |
| 2 | 0x2 | 1x2 | 2x2 | 3x2 | 4x2 | 5x2 | 6x2 | 7x2 | 8x2 | 9x2 |
| 3 | 0x3 | 1x3 | 2x3 | 3x3 | 4x3 | 5x3 | 6x3 | 7x3 | 8x3 | 9x3 |
| 4 | 0x4 | 1x4 | 2x4 | 3x4 | 4x4 | 5x4 | 6x4 | 7x4 | 8x4 | 9x4 |
| 5 | 0x5 | 1x5 | 2x5 | 3x5 | 4x5 | 5x5 | 6x5 | 7x5 | 8x5 | 9x5 |
| 6 | 0x6 | 1x6 | 2x6 | 3x6 | 4x6 | 5x6 | 6x6 | 7x6 | 8x6 | 9x6 |
| 7 | 0x7 | 1x7 | 2x7 | 3x7 | 4x7 | 5x7 | 6x7 | 7x7 | 8x7 | 9x7 |
| 8 | 0x8 | 1x8 | 2x8 | 3x8 | 4x8 | 5x8 | 6x8 | 7x8 | 8x8 | 9x8 |
| 9 | 0x9 | 1x9 | 2x9 | 3x9 | 4x9 | 5x9 | 6x9 | 7x9 | 8x9 | 9x9 |

Your brain operates like a television set and you can see pictures anytime you want. (It even operates when you are asleep, showing you dreams.) Pictures are easy for your brain to remember. Sometimes, numbers are hard to remember. So, in this book, you will learn the multiplication facts using pictures instead of numbers.

Not only do you have a built in television, you also have a built in VCR that can play back pictures any time you want. Once you see a picture, your brain stores it away and can play it back anytime you want.

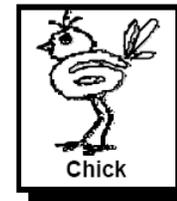
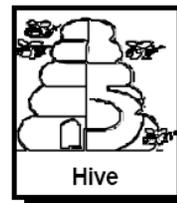
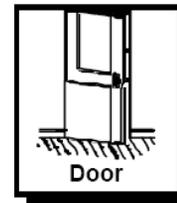
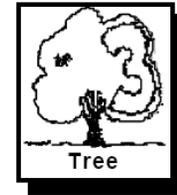
Your brain remembers funny pictures better than it remembers regular pictures. So, in this book, you will be storing funny pictures that are easy to replay.

Remembering **With Pictures**



Pictures are easier to remember than numbers.

Here are the pictures that you will use to help you remember the numbers two, three, four, five, and six.



2 = Shoe

Two rhymes with shoe.

3 = Tree

Three rhymes with tree. See the three in the tree.

4 = Door

Four rhymes with door. Look at the picture of the door. Do you see the four?

5 = Hive

Five rhymes with hive.

6 = Chick

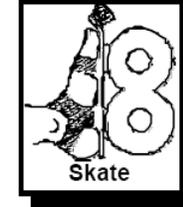
Six sounds like chick.

These pictures will help you remember the numbers seven, eight, and nine.



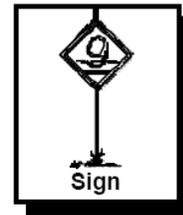
7 = Surfin'

Seven sounds like surfin'. The wave looks like the number seven.



8 = Skate

Eight rhymes with skate. The wheels of a skate form an eight when it is standing straight up.

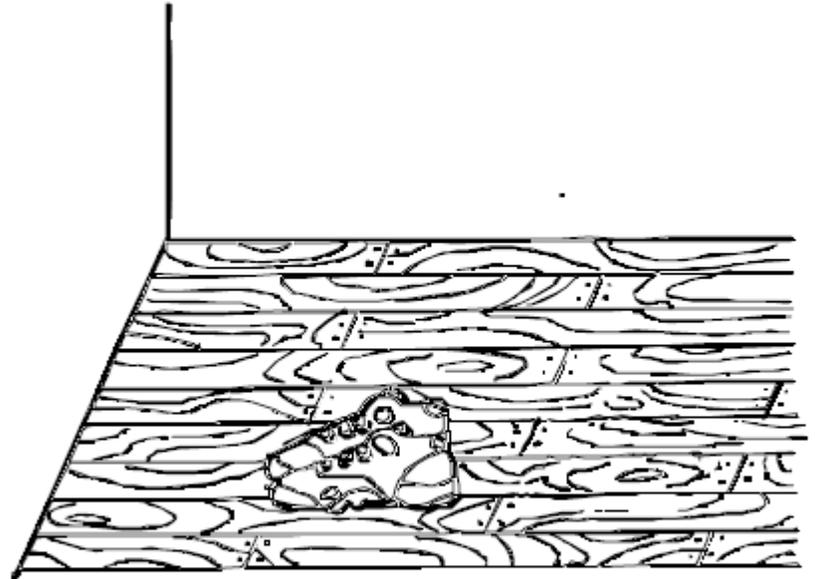


9 = Sign

Nine rhymes with sign. The sign also has the number 9 on it.

A young boy got a new pair of shoes for his birthday. They were just the kind of shoes he had always wanted. When he put them on, he found they were too big. Even though they were too large, he decided to wear them to school the next day. Sometimes, as he would walk along, he would step right out of them. He would look down at his feet, and he would be in his socks. The shoes would be sitting on the floor. As you can imagine, this was very embarrassing for the boy.

$$2 \times 2 = 4$$



$$\text{Shoe} \times \text{Shoe} = \text{Floor}$$

There once were two young birds. They started building their very first nest because they were going to have their first babies. Building a nest turned out to be hard work. It takes many little sticks to build a nest, and it seemed as if the nest would never get finished. They would fly out to get one stick; then they had to fly all the way back to the nest.

The birds were flying around looking for sticks one day when the mother bird saw an old shoe lying on the ground by some sticks. The bird had a great idea. She picked up stick after stick and put them into the shoe. When the shoe was full of sticks, the two birds grabbed onto the shoe laces and flew back to the tree, carrying the shoe. When they got to the tree, they tied the shoe to one of the limbs of the tree. By moving some of the sticks in the shoe, they quickly had a nest in the shoe.

$$2 \times 3 = 6$$



$$\text{Shoe} \times \text{Tree} = \text{Sticks}$$

There was an old lady who lived in a shoe. She had so many children she didn't know what to do. The old lady loved pretty plates. Her children knew she liked pretty plates, so they would each buy her a plate for her birthday. After a while, she had so many plates they did not fit in her cupboards. She had to start stacking them everywhere around her house.

After many years, there were so many plates that, when the front door was opened, out would roll plates.

$$2 \times 4 = 8$$



$$\text{Shoe} \times \text{Door} = \text{Plate}$$

Once upon a time there was a young hive who was very forgetful. His friends and parents would tell him things, but he would always forget them. To help him remember, he started to write himself notes. Then, he would forget where he had put the notes.

Although he was forgetful, this hive was very clever. The hive bought a special pen that could be erased easily, and he started writing his notes on his shoes. Using his shoes and his special pen, the hive solved his problem.

$$2 \times 5 = 10$$



$$\text{Shoe} \times \text{Hive} = \text{Pen}$$

A teacher decided to put on a winter play. The chick was chosen to be one of Santa's special helpers, an elf. He was so excited. When he went home that night, his mother made him an elf costume. She made him elf shoes and an elf hat. He put them on and was so proud.

During the play, the chick helped Santa deliver presents to good boys and girls. The chick was a great elf.

$$2 \times 6 = 12$$



$$\text{Shoe} \times \text{Chick} = \text{Elf}$$

Four kings had been friends since they were children. If you looked at three of the kings, you wouldn't see anything different about them, except they always wore their crowns. If you saw the fourth king, you would definitely notice something. He had giant feet. His feet were so big he needed to have special shoes. His shoes were enormous.

Each year, the kings went on a vacation together. One year, they went on vacation to the beach. At the beach, they watched the people surfing. It looked like fun, but they didn't have surfboards. The king with the big feet had a funny idea. The four kings swam out into the water, and the three normal kings got on the shoulders of the king with the big shoes. When a wave came, the king with the big shoes surfed on his shoes. It was a funny sight to see three kings on the shoulders of the king with giant shoes.

$$2 \times 7 = 14$$



$$\text{Shoe} \times \text{Surfin}' = \text{Four Kings}$$

Once there was a silly queen. She loved to do things other queens would never think of doing. One day, she decided she wanted to learn how to roller skate, so she went to a roller skating rink. She rented roller skates and sat down on a bench to take off her shoes. She put a skate on one foot and decided to stand up to see what it felt like to be on a skate. Before she knew what was happening, she started rolling. She rolled out onto the skating rink floor. As she tried to stop, she started twirling and twirling and twirling. This made her feel sick. She was a sick queen.

$$2 \times 8 = 16$$



**Shoe x Skate = Sick
Queen**

Once there was a giant. He was really big. He was so big he couldn't go into buildings. It was lonely being a giant. Most people were afraid of him, even though he was a friendly giant.

One day he was so lonely he decided to go into the city. Most of the people ran away when they saw him. As he got near the center of town, he noticed some men with yellow hats working at a street corner. They did not see him. As he got nearer, he could tell that they were putting in a new stop sign. He walked up to the man holding on to the sign, tapped him on the shoulder, and said, "Hello." When the man saw the giant, he was so scared he dropped the sign and ran. The sign landed on the giant's shoe. OUCH! His toe started aching!

$$2 \times 9 = 18$$

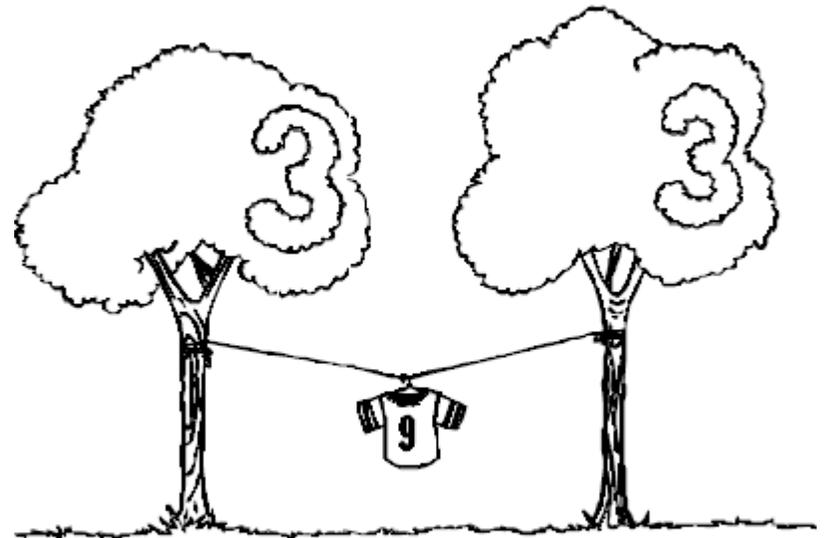


**Shoe x Sign =
Aching**

Let me tell you a story about a boy about your age. He loved to play football with his friends. His parents knew how much he loved football, so they gave him a football jersey to wear. The number on the back was that of his favorite professional football player. It was the number nine.

One day he was playing football with his friends. He was trying to catch a pass, but he slipped and fell in the mud. His jersey was covered with mud so he felt sad. He went home and washed the mud out of his jersey. The jersey was all wet, so he went outside and tied a rope between two trees. The boy then hung the jersey on the line so it would dry out.

$$3 \times 3 = 9$$



$$\text{Tree} \times \text{Tree} = \text{Line}$$

Once there was an elf. He loved the forest. He loved walking through the big tall trees. The elf decided he wanted to live in a tree because he loved the forest so much.

The elf came up with a great idea. He found a great big tree, hollowed it out, and made his house inside the tree. He put a door on his house. The elf loved living in the tree with a door.

$$3 \times 4 = 12$$



$$\text{Tree} \times \text{Door} = \text{Elf}$$

Once there was a tree. He was a very kind tree who welcomed all animals. The birds, squirrels, and even bees liked playing in his limbs. The bees built a hive in the trees so they could be near the tree they loved so much.

One day a wind storm blew the hive out of the tree. The tree had very strong arms. The kind tree reached down with his arms and lifted the hive back into his branches. The hive was happy to be back in the tree.

$$3 \times 5 = 15$$

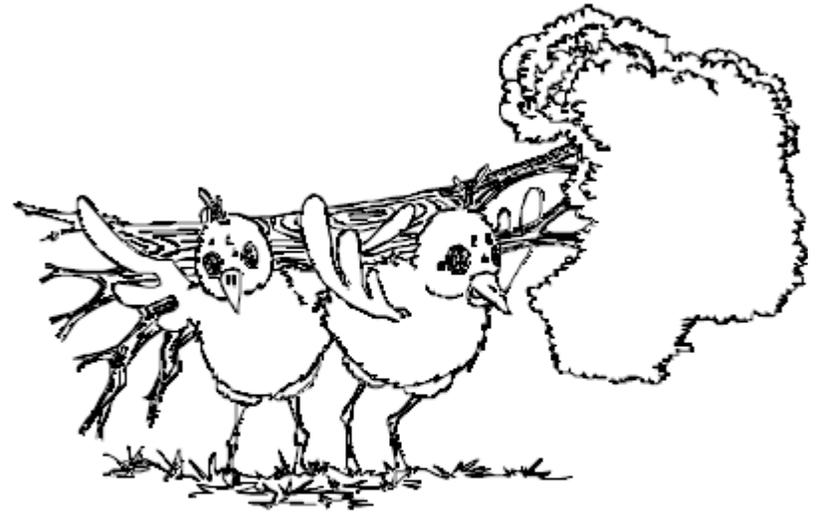


Tree x Hive = Lifting

Once there were two chicks who lived on a farm. One day the wind blew so hard it knocked over a tree. The tree fell right in the middle of the yard where the chicks liked to play.

The chicks decided to move the tree out of the yard. When they tried to lift the tree, they could tell they needed more help, but there was no one else around. They had to move it by themselves. They put the tree on their backs and carried the heavy tree out into the field. The tree was very, very heavy. They were glad when they finished, but they had aching backs.

$$3 \times 6 = 18$$



**Tree x Chick =
Aching**

A huge tree was tired of standing in the forest all day. He went down to the beach, rented a surf board, and went surfing. The tree was having fun surfing until he suddenly crashed into the sun. Because the tree was so tall, he had reached all the way to the sun.

When the tree crashed into the sun, he made dents in the sun. The sun became a denty sun.

$$3 \times 7 = 21$$

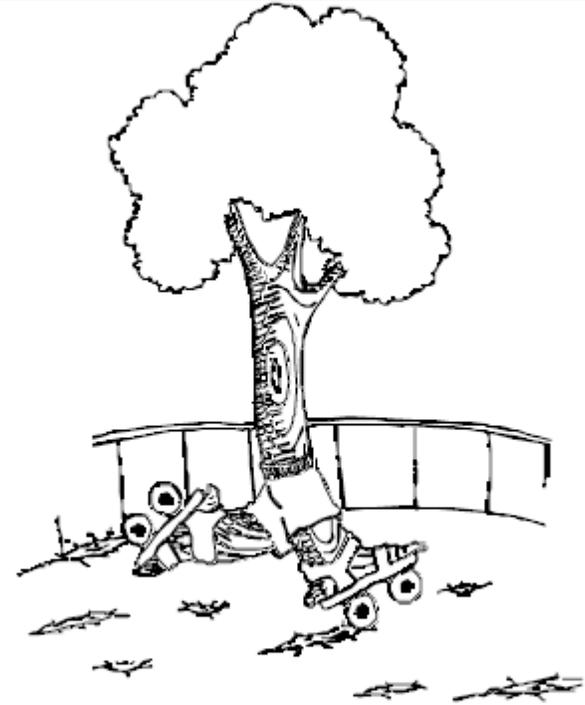


**Tree x Surfin' =
Denty Sun**

Once there was a huge tree. This tree wanted to have some fun. He decided to go roller skating. He went to a skating rink, put on skates, and went skating. The tree was having a great time until the owner came over to tell him to stop skating.

The owner said, “You are a very, very, heavy tree. I can see you are having a great time skating, but look what you are doing to the floor. You are making a denty floor! Please stop!”

$$3 \times 8 = 24$$

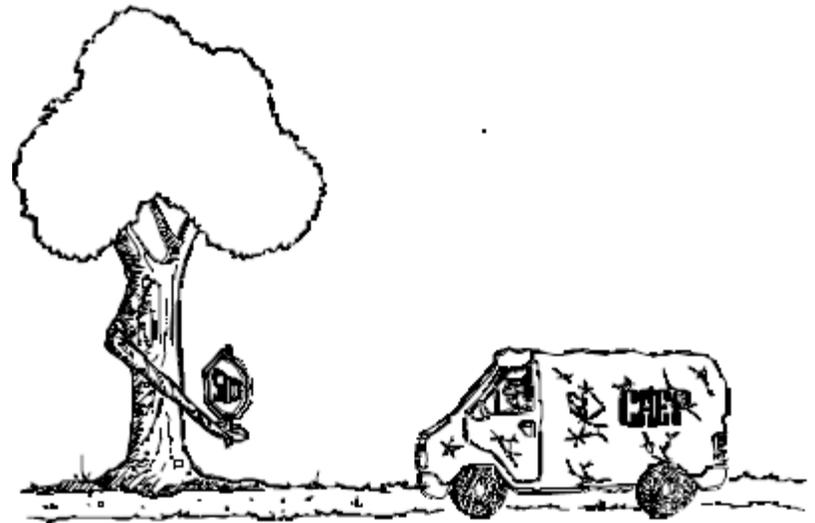


**Tree x Skate =
Denty Floor**

A tree that grew in the forest decided to have a party for all his forest friends. He wanted to serve great food, so he called a chef who did his cooking in a special van. The chef asked the tree how he would know which tree to go to, since many of the trees in the forest look alike. The tree said he would be waving a sign.

The chef drove his van around the forest looking for a tree waving a sign. As he drove through the forest, he kept running into branches of other trees. These branches put small dents in his van. By the time the chef got to the tree who was waving the sign, his van was covered with dents. It was a denty chef van.

$$3 \times 9 = 27$$

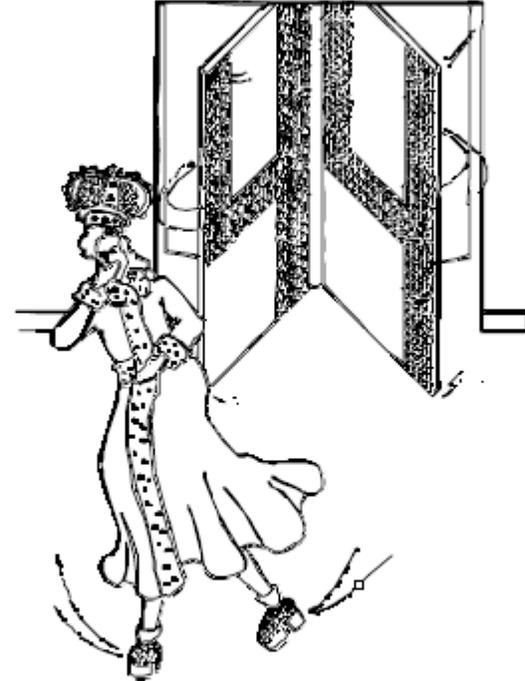


**Tree x Sign = Denty
Chef Van**

One evening there was a party for a queen at a big hotel. The hotel had revolving doors.

When the queen got to the hotel, she was amazed to see the revolving doors. She had never seen doors like those before. She pushed the doors and went around and around and around because it was so much fun. Soon she became dizzy and felt sick. She became a sick queen.

$$4 \times 4 = 16$$

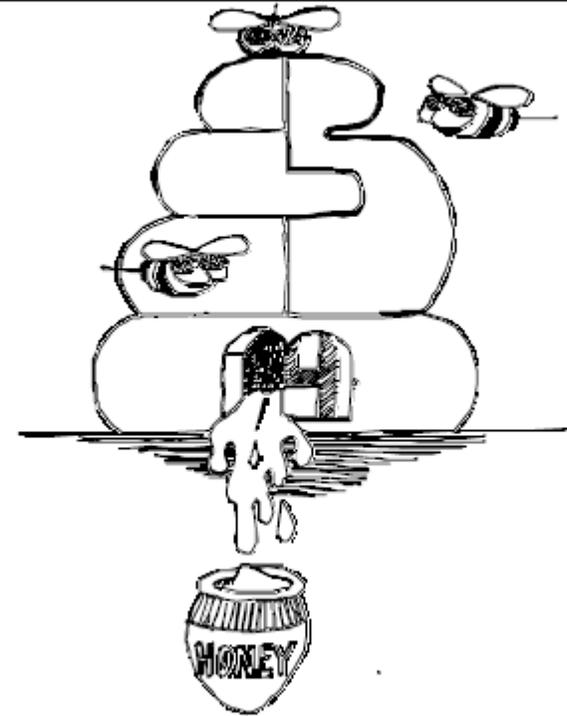


**Door x Door = Sick
Queen**

Bees work very hard. They are very proud of their bee hive. They leave their hive every day to find pollen to make honey.

One day, the bees left the door to the hive open by mistake. While they were gone some of the honey they had worked so hard to make dripped out.

$$4 \times 5 = 20$$

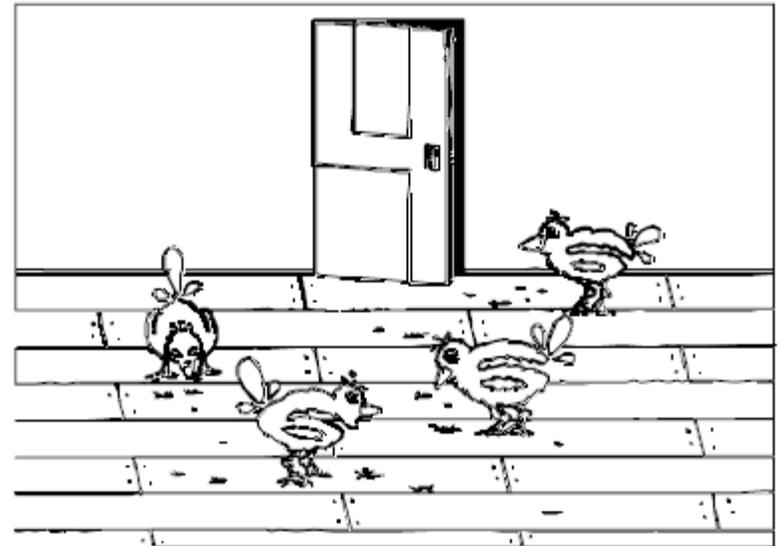


$$\text{Door} \times \text{Hive} = \text{Honey}$$

It was a very cold day on a farm. The ground was covered with snow so some chicks couldn't find any food. They were very hungry. As they walked around looking for food, they noticed that the farmer had left the door of his house open. The chicks walked in. The floor had not been swept for a few days, so the chicks were able to find crumbs of food on the floor. When they pecked at the food, their beaks made tiny dents in the floor.

The farmer came into the house. He gathered them up and took them to the barn and fed them where it was warm. He was careful not to leave the door open again.

$$4 \times 6 = 24$$

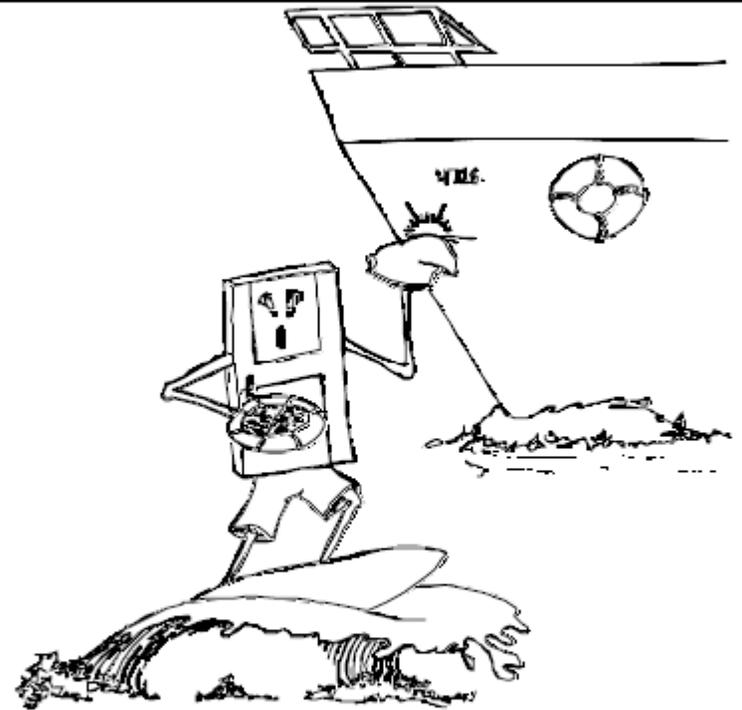


**Door x Chick =
Denty Floor**

There was a door who was a waiter. He worked at a pizza place on the waterfront. The door's job was to deliver pizzas to people on boats. To do this, he hopped on a surfboard and surfed out to the boat.

The door had a favorite metal plate that he used to carry the pizzas. Sometimes, when he surfed up to a boat, the plate would bang into the side of the boat and get a dent in it. After the door had delivered pizzas for a few weeks, the plate was very denty.

$$4 \times 7 = 28$$

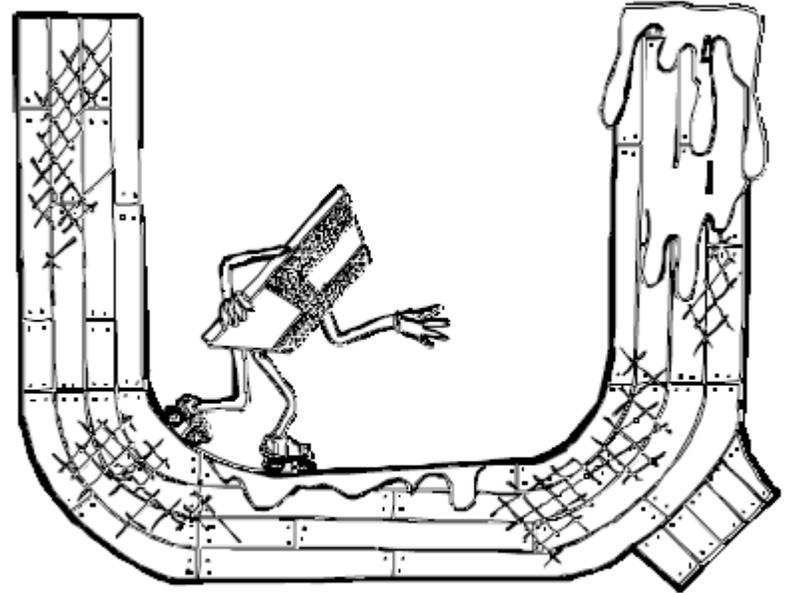


**Door x Surfin' =
Denty Plate**

Once there was a door who loved to roller skate. He would put on his roller skates and skate around town.

One day, the door was skating by an old pile of dirty wood when he had a great idea. He built a huge ramp shaped like a U. The door called this ramp the dirty U ramp. He loved skating up and down the sides of the U. He learned how to do all kinds of tricks on the dirty U.

$$4 \times 8 = 32$$



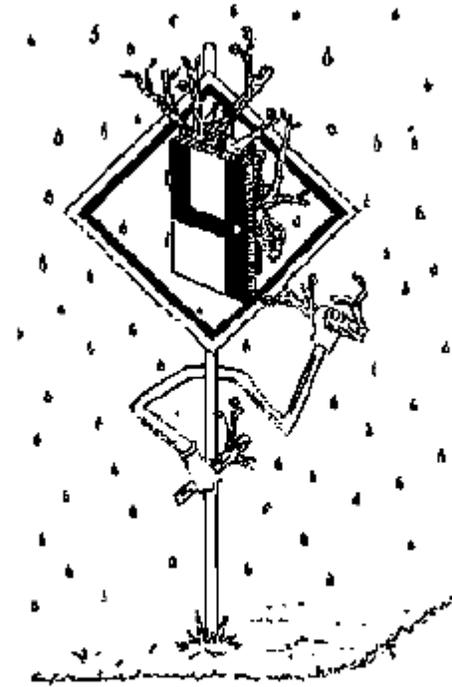
$$\text{Door} \times \text{Skate} = \text{Dirty U}$$

Once there was a sign near a lumber mill. A lumber mill is a factory where they make trees into boards. The trees coming from the forest were often very dirty. Sometimes, as the lumber trucks would rumble by the sign, dirty sticks would fall from the truck.

The sign liked to keep the street clean, so he would reach down and pick up the dirty sticks. The sign would put the sticks behind the secret door. He knew people would want the sticks to burn in their fireplaces if the sticks were clean. The sign would keep the sticks behind the door until it rained. Then he would hold the sticks out in the rain to clean them. He would stack the clean sticks near the road, where people could pick them up to use in their fireplaces.

He would then wait for more dirty sticks to put behind the secret door.

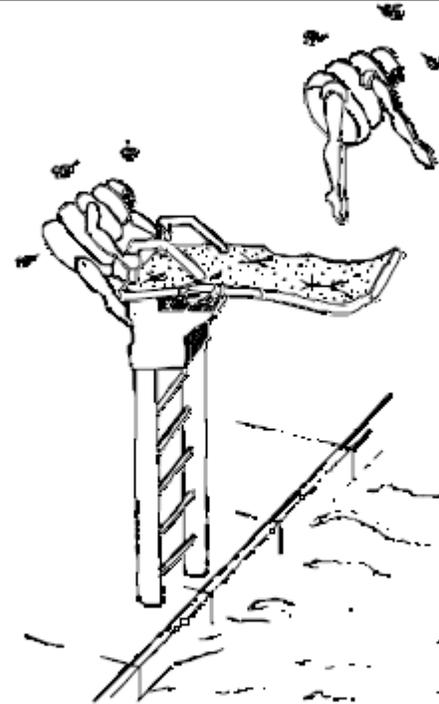
$$4 \times 9 = 36$$



**Door x Sign = Dirty
Sticks**

One very hot day, two bee hives went to a swimming pool to cool off. They had a great time. They splashed in the water and chased each other around. They even dove off the diving board, but there was a problem. They were so heavy they made dents in the diving board when they bounced on it. Since they made a denty diving board, we call it a denty dive.

$$5 \times 5 = 25$$



**Hive x Hive = Denty
Dive**

One day some chicks were lonely. They asked a hive if it wanted to go to a farm and play. The hive said, "Sure, sounds like fun!" So off they went to the farm.

They had a great time. The hive's favorite place was the pig pen. The hive and the chicks loved playing in the mud. They even rode the dirty pig and threw mud all over each other. Oh, what a great day they had playing in the mud and getting dirty!

$$5 \times 6 = 30$$

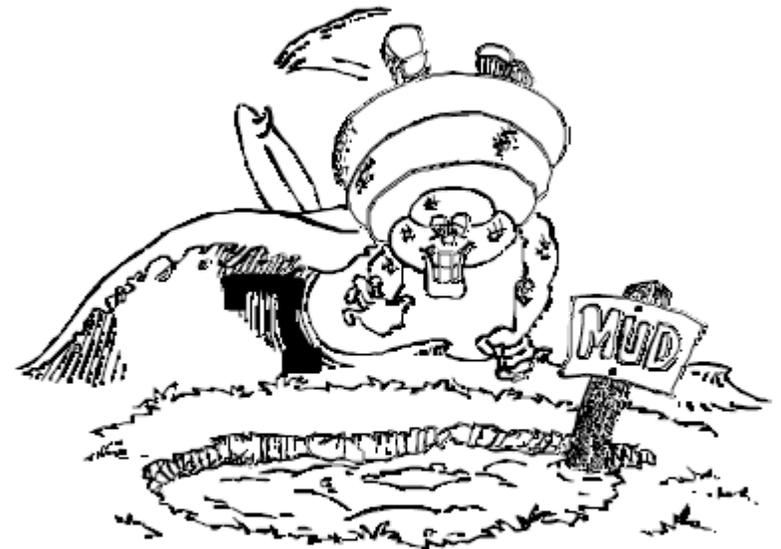


Hive x Chick = Dirty

A hive went to the beach. He was afraid of getting hurt on a rocky beach, and sandy beaches were too hot for his feet, so he went to a muddy beach.

The hive had a funny way of surfing at the muddy beach. He would surf up to the beach and dive right into the mud. Soon he was very dirty! The hive loved doing the dirty dives.

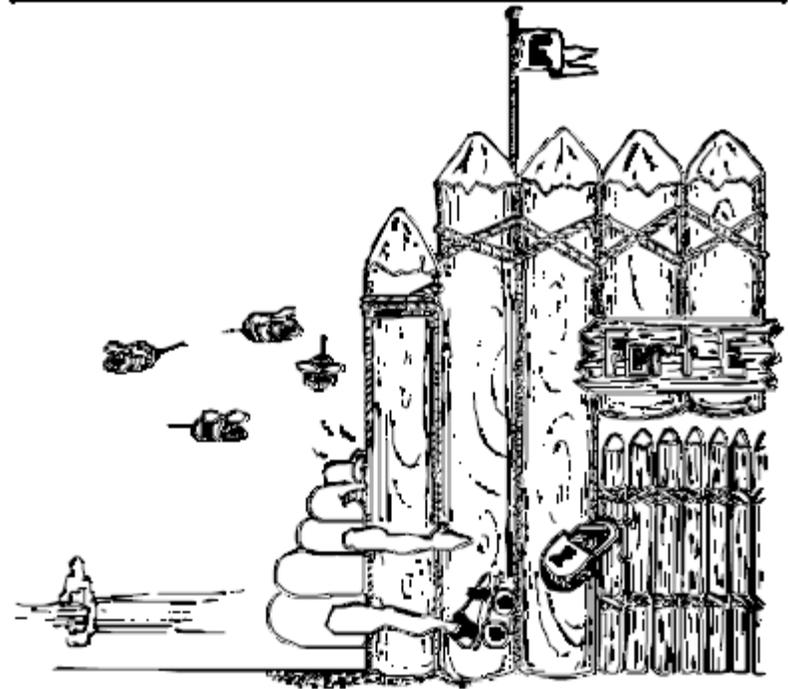
$$5 \times 7 = 35$$



Hive x Surfin' =
Dirty Dive

One summer day, a hive decided to skate over to Fort E. He was excited to see people dressed in early American clothes. He put on his skates and went racing down the street to Fort E. The people in Fort E saw the hive zooming toward them on skates and were afraid. They were worried that the bees from the hive would scare the visitors away, so they quickly shut the big gates to the fort. The hive tried to stop, but he couldn't. He smashed right into the side of Fort E.

$$5 \times 8 = 40$$

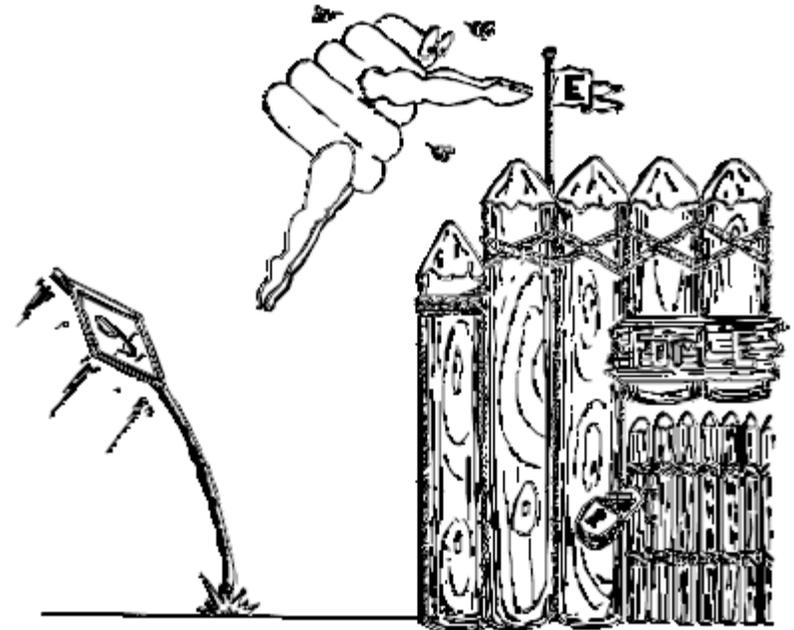


**Hive x Skate =
Fort E**

The hive really wanted to get into Fort E. He thought and thought about it. He came up with a great idea. He went to a stop sign nearby. He jumped into the air and jumped on the face of the sign. The sign bent back and then sprang forward, throwing him up into the air and over the high wall of Fort E. He ended up diving into Fort E.

The people in Fort E soon found out that the bees in the hive were friendly. The people were very impressed with the hive's dive.

$$5 \times 9 = 45$$

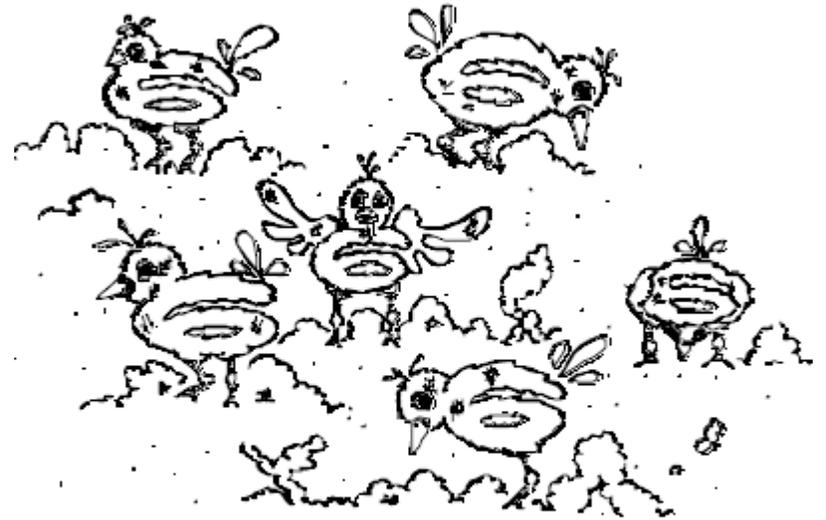


**Hive x Sign =
Fort E Dive**

It was a warm, sunny day. Some chicks were playing on the farm. They were scratching at the dry dirt, trying to act like big chickens. The chicks got very dirty, but that's all right because that's what chicks are supposed to do.

Chicks, chicks, dirty chicks!

$$6 \times 6 = 36$$

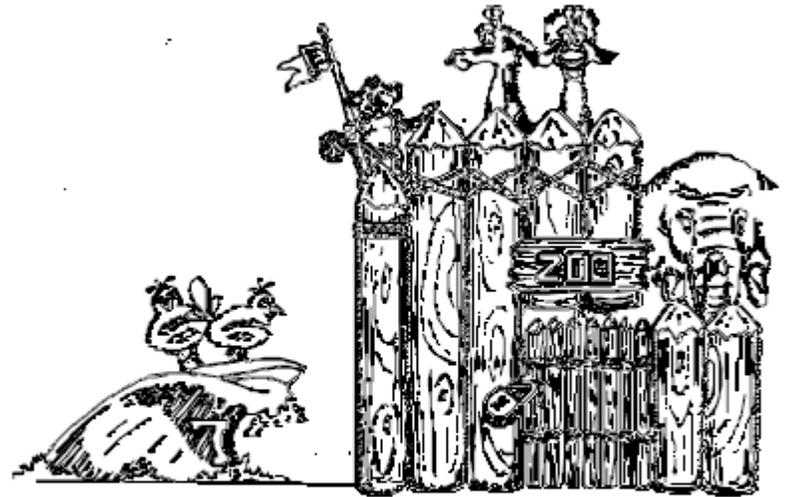


**Chicks x Chicks =
Dirty Chicks**

One day some chicks were at school. They were excited because today they were going to go on a field trip to the zoo. This was no ordinary zoo. It was at Fort E. Fort E is far away, near the ocean, so the chicks got to ride a bus to the fort.

The chicks were very excited when they got close enough to the Fort E Zoo to see the ocean. Just then, the bus broke down. The chicks were very sad until they saw a surfboard on the beach. They all thought of the same idea together, “Let’s surf over to the Fort E Zoo!” They hopped on the surfboard, and surfed over to the Fort E Zoo. They had a great day.

$$6 \times 7 = 42$$



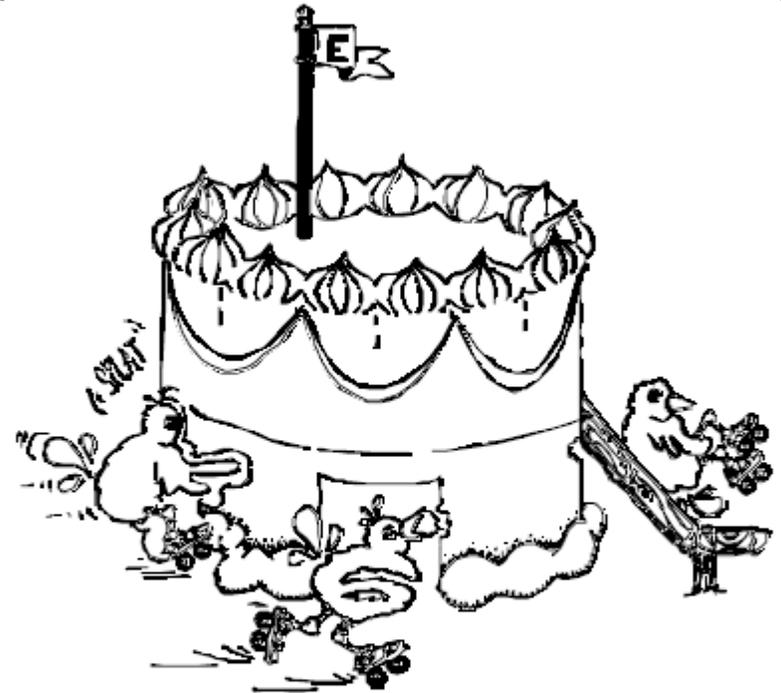
**Chicks x Surfin' =
Fort E Zoo**

The chicks enjoyed their visit to Fort E. When they got home, the chicks baked a cake that looked just like Fort E. It had sides that looked like logs, and even a flag with an “E” on it.

One of the chicks told the other chicks about a fun way to eat the Fort E Cake. The other chicks jumped up and down when they heard the idea. He had told them to put on their skates to race by the cake and grab a piece with their beaks.

What happened next was really funny. Some of the chicks weren’t very good skaters, so they skated right into the side of the cake. Splat!

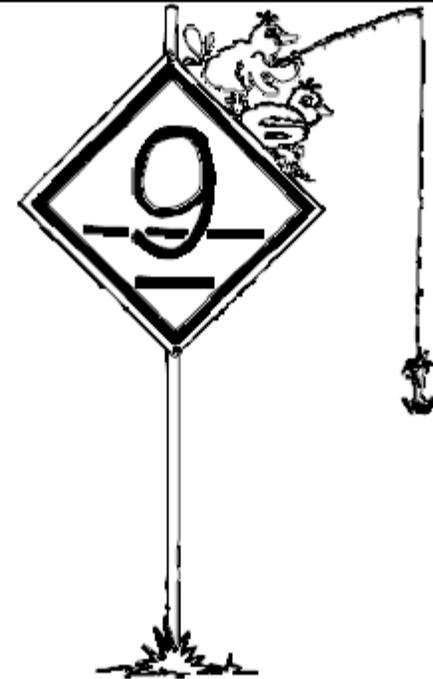
$$6 \times 8 = 48$$



**Chicks x Skate =
Fort E Cake**

Some chicks had a great idea for catching tasty worms. They dreamed up a plan to go fishing for worms. The chicks knew worms liked apples but were afraid of chicks. So, the chicks found a fishing pole and attached an old apple core to the end of the fishing line. Then they climbed to the top of a stop sign so they couldn't be seen by the worms, and lowered the apple core to the ground. Yum, they caught some big, juicy worms!

$$6 \times 9 = 54$$



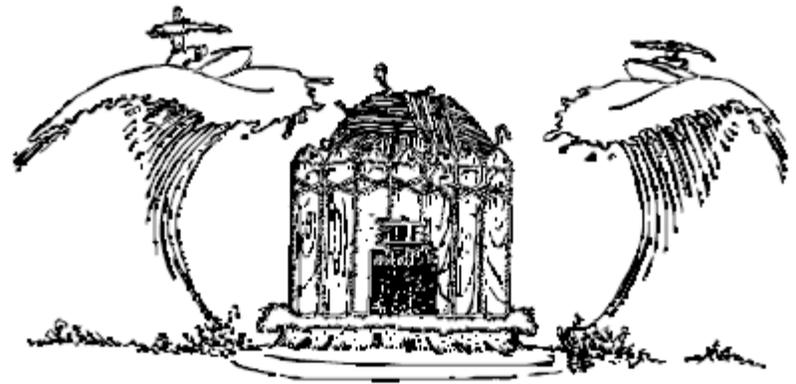
**Chicks x Sign =
Fishing with Core**

The people who lived in Fort E wanted to be in the Guinness Book of World Records. They decided to make the world's largest ball of twine. They collected twine for years. The ball of twine got bigger and bigger. After a few years, it was as almost as big as the fort. It was the biggest ball of twine in the world. The people had a problem. It was so big, they couldn't move around in the fort. The ball was too big to even roll out the gate.

The people didn't want to unroll the twine, because then it wouldn't be the biggest ball of twine in the world. They finally decided to move out of Fort E and leave the twine there.

Believe it or not, the ball of twine saved their lives. Soon after they moved out, two giant waves came crashing down on Fort E, and destroyed the fort and the twine.

$$7 \times 7 = 49$$



**Surfin' x Surfin' =
Fort E Twine**

Once there was a roller skate who always wanted to learn how to surf. One day, he went to the beach and rented a surfboard. After some instruction, he learned how to surf.

He surfed all day and was having so much fun he didn't want to stop. Near the end of the day, it started getting cold. He wanted to get warm but didn't want to stop surfing. He came up with an idea. He borrowed a fishing pole from a man on the beach. As he surfed along, he would snag sticks with the hook. When he got to the beach, he would take the sticks off the hook, put them in a pile, and go surfing again. Soon he had enough wood to build a fire and keep warm.

$$7 \times 8 = 56$$



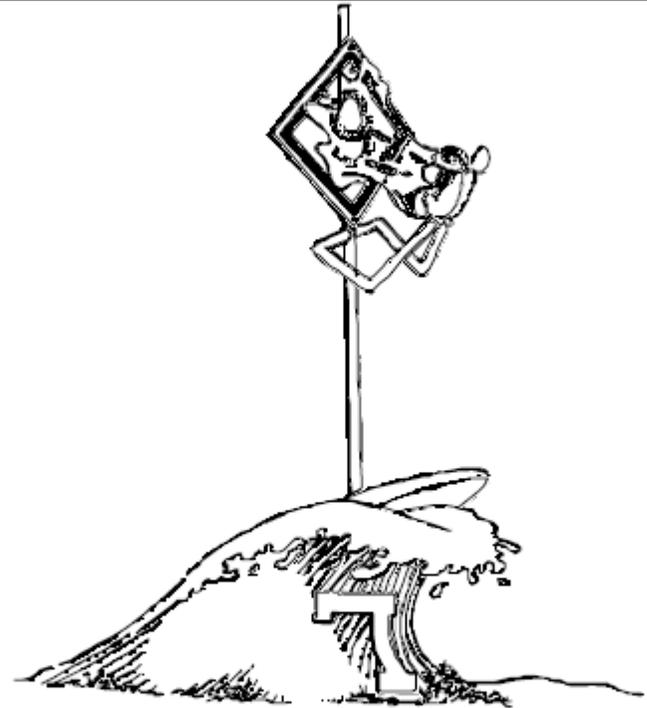
**Surfin' x Skate =
Fishing with Sticks**

The sign saw that all his friends had learned to surf. The sign decided to learn to surf, too. After a few lessons, he really liked surfing.

Something interesting happened one day while the sign was surfing. A bee, covered with sticky honey, was flying nearby. The bee was just buzzing along enjoying the warm summer day when, “Thud!” They ran into each other. Neither was hurt, but the sticky bee got stuck to the sign. The sign pulled and pulled at the bee, and finally was able to pull the bee off.

The bee thanked the sign for helping him and flew away.

$$7 \times 9 = 63$$



**Surfin' x Sign =
Sticky Bee**

Two skaters went to the skating rink to skate. They put on their skates and started skating. After only a few seconds, they stopped moving. They didn't know what was wrong. When they looked down at the floor, they were shocked. The floor was covered with sticky, gooey gum. Their skates were sticking to the floor.

$$8 \times 8 = 64$$

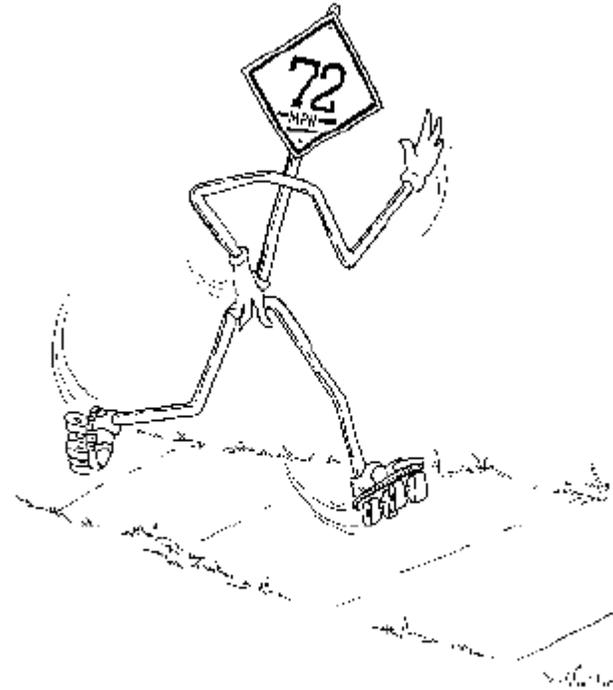


**Skate x Skate =
Sticky Floor**

Once there was a sign who was a really fast skater. The sign was really special. The speed at which he was skating would show up on his face. If the sign skated 10 miles per hour, a 10 showed on his face.

One day the sign decided to skate as fast as he could. He found a deserted sidewalk and started skating. He skated faster and faster until he was skating 72 miles per hour.

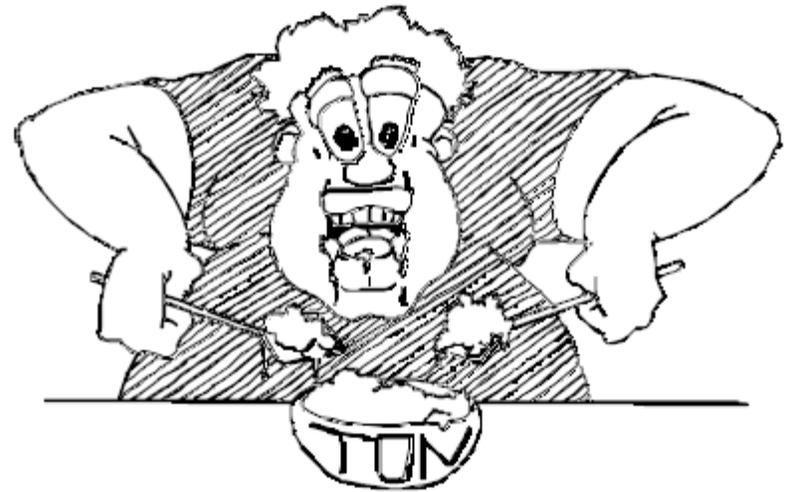
$$8 \times 9 = 72$$



$$\text{Skate} \times \text{Sign} = 72 \text{ MPH}$$

There once was a very large man. He was a giant of a man. The more he ate, the bigger he grew. After many years, he was so big that his silverware would not fit into his hand. He started using signs instead of spoons. He would sit down to a meal with a sign in each hand and start shoveling the food in. He could eat a ton of food for a meal.

$$9 \times 9 = 81$$



**Sign x Sign =
Ate a Ton**