# Word Problems

Southern Nevada
**RP**
**DP**

# Multiplication Facts

# By

# Strategy

Multiplying:  0's & 1's

Set 1:

1.    Sarah had four jars for her pennies.  Each jar had zero pennies.  How many pennies did Sarah have in all?

2.    Juan had five, one dollar bills.  How much money did Juan have?

3.    Ben's mom gave him six baggies.  Each bag contained one cookie.  How many cookies did Ben have?

4.    Jennifer found eight marker boxes in the cabinet.  Each box had zero markers in them.  How many markers did Jennifer find?

5.    There were eight tables in the classroom.  Each table had one pencil on it.  How many pencils were there?

6.    There were twelve players on Brian's baseball team.  Each player scored zero runs.  How many runs did the team score?

7.    There were eleven tabs in Mia's binder.  Each tab represented a book she read during the summer.  How many books did Mia read during the summer?

Set 2

1.    Jack had one pair gloves.  How many gloves did Jack have?

2.    Each table fits four chairs around.  Mrs. Smith has one table in her room.  How many chairs does she need?

3.    A roller coaster had nine cars.  Each car had zero passengers.  How many passengers were there?

4.    Ten friends wanted to go to the movies.  Each friend had zero dollars.  How much money did they have altogether?

5.    Samantha gave each of her nine friends one candy bar.  How many candy bars did Samantha share?

6.    Rachel bought five pencils at the book fair.  Each book cost one dollar.  How much money did Rachel spend at the book fair?

7.    Zach had the opportunity to earn one dollar each day of the week for doing his chores.  Unfortunately, Zach didn't do his chores all week and earned zero dollars each day.  How much money did Zach earn for the week?

Set 3

1.       Dad drank six diet sodas.  Each soda contained zero calories.  How many calories did Dad drink?

2.       Three children jumped zero times each.  How many times did the children jump altogether?

3.       There were eleven mechanical pencils in the bucket.  Each pencil had zero pieces of lead in them.  How many pieces of lead were there?

4.       One jug was full with nine cups of water.  How many cups of water were in the jug?

5.       Six boys each brought one gift to a birthday party.  How many gifts did the birthday boy get?

6.       There were four baskets on the playground.  Each basket contained one ball.  How many balls were there in all?

7.       Jasmine earned one dollar each day of the week.  How many dollars did Jasmine earn in one week?

Set 4

1.  Mom washed four loads of laundry.  Each load had one towel in it.  How many towels did Mom wash?

2.  There are eleven students in an art class.  Each student has one paint brush.  How many paint brushes do the students have?

3.  Tom went up to bat three times.  Each time, Tom hit zero times.  How many times did Tom hit the ball?

4.  Cathy had one dollar in quarters.  She spent zero quarters.  How much money did Cathy spend?

5.  Mom made one batch of cookies.  There were twelve cookies in the batch.  How many cookies did Mom bake?

6.  Sarah had six jars for her pennies.  Each jar had zero pennies.  How many pennies did Sarah have in all?

7.  Juan had ten, one dollar bills.  How much money did Juan have?

Set 5

1.     Shelly bought five stickers.   Each sticker cost one cent each.  How much money did Shelly spend?

2.     Jermaine began collecting rare coins.  He has three different categories with one coin in each category. How many coins has Jermaine collected so far?

3.     Joel bought eight carnival tickets.  Each ticket cost one dollar.  How much money did Joel spend on carnival tickets?

4.     Amanda received three birthday cards in the mail.  Each card had zero dollars in it.  How much money was in the cards?

5.     Tom went up to bat three times.  Each time, Tom hit the ball.  How many times did Tom hit the ball?

6.      There were three ponds in the park.  There was one duck in each pond.  How many ducks were there in all?

7.     The test had sections on it.  Each section had one word problem.  How many word problems were on the test?

Multiplying: 2's

Set 1:

1.      There are twelve months in a year.  How many months are in two years?

2.      Adam had eight bags, each containing two dollars.  How much money did Adam have?

3.      There were six couples at dinner.  How many people were at dinner?

4.      Margaret found two rocks.  Each rock contained nine different fossils.  How many fossils did Margaret discover?

5.      Ricky brought two packages of pencils to school.  There were five pencils in each package.  How many pencils did Ricky bring to school?

6.      James has two homework passes.  Jenny has double the number that James has.  How many homework passes does Jenny have?

7.      There are ten markers in one box of markers.  How many markers are in two boxes of markers?

Set 2

1.     Maria had three bracelets on each of her arms.  How many bracelets did Maria wear?

2.     There were eleven pairs of socks in the dryer.  How many individual socks were in the dryer?

3.     Patty had four flower pots.  There were two flowers in each pot.  How many flowers were there altogether?

4.     Mom made two batches of cookies.  Each batch yielded eight cookies.  How many cookies did Mom bake?

5.     Susan sold two painted rocks at a craft fair for six dollars each.  How much money did Susan earn?

6.     Mark read nine pages in his book two nights in a row.  What is the total number of pages Mark read in those two nights?

7.     Donna studies for two hour each weeknight.  How many hours does Donna study each week?

Set 3

1.   There were ten pairs of shoes lined up outside of the jumpy-house.  How many individual shoes were there?

2.   There were two games of four-square being played.  How many people were playing four-square?

3.   Mr. Smith's class sat in pairs.  There were a total of ten pairs.  How many students were in Mr. Smith's class?

4.   Meg is three years old.  Her brother Mike is double her age.  How old is Mike?

5.   Two teams had eleven players each.  How many players were there in all?

6.   Nine students had two books each.  How many books did they have altogether?

7.   Paul made two stacks of books with six books in each stack.  What was the total number of books Paul stacked?

Set 4

1.  Lisa babysat two times each month for a year.  How many times did Lisa babysit during the year?

2.  Last week Darion played outside two hours each day.  What is the total number of hours Darion played outside last week?

3.  Jamie sorted her vocabulary words into four groups, each containing two words.  What is the total number of vocabulary words Jamie sorted?

4.  Sandra had eight dollars.  She doubled her money by helping her mom around the house. How much money did Sandra have after she helped her mom?

5.  Dad made two batches of cupcakes.  Each batch was eleven cupcakes.  What was the total number of cupcakes dad baked?

6.  There were seven rows with two desks in each row.  How many desks were there?

7.  Five couples played tennis.  How many people played tennis?

Set 5

1.    Sherry bought two packs of erasers.  Each pack contained five erasers.  How many erasers did Sherry buy in all?

2.    Steven caught two ladybugs in the field.  Each ladybug had eight spots.  How many spots were on the ladybugs?

3.    Nancy has two boxes of marbles.  There are eleven marbles in each box.  How many marbles does Nancy have?

4.    Darrell checked out three books.  Sam checked out two times more books than Darrell.  How many books did Sam check out?

5.    There were ten tables for the party.  Each table had two balloons in the center.  How many balloons were there?

6.    Seven pairs of twins were playing together on the floor.  How many babies were playing on the floor?

7.    The test had two sections.  Each section consisted of seven problems.  How many problems were on the test?

Multiplying 3's

1.      Mom has four yards of ribbon.  How many feet of ribbon does Mom have?

2.      Mr. Smith has three reading groups with six students in each group.  How many students does Mr. Smith teach reading?

3.      Matt has to write his eight spelling words three times each.  How many words must he write?

4.      There were three boxes of markers in the basket.  Each box contained ten markers.  How many total markers were there?

5.      Molly read every evening for three weeks straight.  How many evenings did Molly read?

6.      The rug in the classroom is three feet wide and nine feet long.  What is the area of the rug?

7.      Ms. Tully arranged her desks in rows.  She fit three rows with eleven desks in each row.  How many desks were in Ms. Tully's room?

Set 2:

1.     Terry bought three dozens of eggs.  How many eggs did Terry buy?

2.     Derek drew a rectangle on the sidewalk with chalk.  The length was three feet and the width was 1 foot?
       What was the area of the rectangle?

3.     Ben rides his bike two miles to school everyday.  How many miles does Ben ride to school in five days?

4.     Jennifer sorted the shells she found on the beach into seven bags.  Each bags contained three shells.
       How many shells did Jennifer find?

5.     Daniel brought three boxes of pencils to school.  Each box had ten pencils.  How many pencils did
       Daniel bring?

6.     Brian chews three piece of gum per day.  How many pieces of gum does Brian chew in a week?

7.     There are three pizzas.  Each pizza is cut into eight slices.  How many slices of pizza are there?

Set 3

1.      Five people went bowling.  Each person had to pay three dollars.  How much did it cost them all to bowl?

2.      There are four swing sets at the park.  Each set had three swings.  How many kids could swing at one time?

3.      Michelle drinks three bottled waters every day.  How many bottled waters does Michelle drink in a week?

4.      Ten friends went to the movies.  All of the friends bought popcorn.  If popcorn costs three dollars how much money did they spend on popcorn?

5.      Cynthia made eight scarves to sell at the craft fair.  She sold all of them for three dollars each.  How much money did Cynthia make?

6.      Dad wanted was making pancakes for breakfast.  The recipe called for two cups of water.  How much water would he need if he tripled the recipe?

7.      One roll of wrapping paper could cover three presents.  How many presents could I wrap if I had nine rolls of wrapping paper?

Set 4

1. Danny usually earns seven dollars per week for his allowance. This week Danny helped out around the house so much more than usual that his mom tripled his allowance! How much money did Danny earn this week?

2. My class filled three boxes of canned food for the food drive. Each box contained twelve cans. How many cans did my class donate?

3. Cindy bought three video games. She paid eight dollars for each game. How much money did Cindy spend on video games?

4. Jimena eats three meals a day. How many meals does she eat in a week?

5. Pam spent three dollars on a shirt that was on sale. The price before it went on sale was triple the sale price. How much did the shirt cost not on sale?

6. Tanya was making a pattern on her paper with stickers. She made six rows with three stickers in each row. How many stickers were in Tanya's pattern?

7. There were three sets of books with eleven books in each set. How many books were there?

Set 5

1.  Jackie's neighbor pledged three dollars per mile for her Walk-a-thon. Jackie walked six miles. How much money did Jackie's neighbor owe her?

2.  When Ben ordered pizzas, he asked that the pizzas be cut into four slices. If Ben bought three pizzas, how many slices were there?

3.  James walks a total of three miles to and from school everyday. He only had to go to school three days this week. How many miles did James walk this week?

4.  Jasmine takes the advice of her dentist. She brushed her teeth three times per day. How many times does Jasmine brush her teeth in a week?

5.  It takes Robert three hours to complete his homework each evening. How many hours does Robert spend completing homework in five days?

6.  There are ten juice boxes in a pack. Nancy brought three packs to the class feast. How many juice boxes did Nancy bring?

7.  Three siblings want to go to the movies. The tickets cost seven dollars each. How much money did they need to ask their parents for?

Multiplying Fives

1.     There were a dozen eggs in the carton.  Mom bought five cartons.  How many eggs did Mom buy?

2.     Joshua bought five video games for nine dollars each.  How much money did Joshua spend on video games?

3.     Emily played five video games at the arcade.  She used two quarters for each game.  How many quarters did Emily spend?

4.     Madison has five pairs of socks.  How many socks does Madison have?

5.     Chris brought four packages of pencils to school.  Each package contained five pencils.  How many pencils did Chris bring to school?

6.     There were nine boxes of canned food.  Each box contained five cans.  How many cans of food were there altogether?

7.     There were eleven white board markers at each table.  There were five tables in the classroom.  How many markers were there in all?

Set 2

1.      Abby's dresser has five drawers.  Each drawer can hold eleven shirts. How many shirts can Abby fit in her dresser?

2.      The box of chocolate has three rows of chocolates with five chocolates in each row.  How many chocolates are in the box of chocolates?

3.      Olivia brought five packages of juice boxes to the party.  Each package had 10 juice boxes.  How many juice boxes did Olivia bring to the party?

4.      The class had to write their spelling words five times each.  They have ten spelling words this week.  How many words did they have to write?

5.      Jessica bought ice cream for herself and four of her friends.  Each cost one dollar.  How much money did Jessica spend on ice cream for her and her friends?

6.      Anthony has six five dollar bills.  How much money does Anthony have?

7.      Alyssa buys her lunch every day she is at school.  The price of lunch is three dollars.  How much does lunch cost Alyssa for one week of school?

Set 3:

1.    The Student Council sold five dozens of flowers for Valentine's Day.  How many flowers did Student Council sell?

2.    The doughnut shop had eleven different types of doughnuts.  At 11:00 AM, they only had five of each type left.  How many doughnuts did the shop have?

3.    It takes Jim ten minutes to paint one model car.  How many minutes would it take him to paint five cars?

4.    Danny received eight five dollar bills for his birthday.  How much money did Danny receive?

5.    Taylor has five different folders.  She has eight pieces of paper in each folder.  How many pieces of paper does Taylor have?

6.    Dad bought five pizzas for five dollars each.  How much did Dad spend on pizzas?

7.    If it takes Julian three minutes to solve a math problem.  How many minutes would it take him to solve five problems?

Set 4

1.     Tyler is allowed to play one hour of video games per day. How many hours can he play in five days?

2.     The teacher has eight packs of gum.  Each pack of gum contains five pieces.  How many pieces of gum did he have?

3.     Alex has three five dollar bills to spend at the toy store.  How much money does Alex have to spend?

4.     Anna has nine nickels in her pocket.  How much money does Anna have in her pocket?

5.     Mom made five dozens of cookies for the bake sale.   What is the total number of cookies Mom made for the bake sale?

6.     There were five birds in each cage at the pet store.  There were a total of three cages.   How many birds were in the pet store?

7.     There were nine diving sticks at the bottom of the pool.  Each stick is worth five points.  How many points could    Destiny win if she gathered all nine sticks?

Set 5

1.    Samantha bought five gel pens from the Student Store.  Each pen cost one dollar.   How much money did Samantha spend on gel pens?

2.    Megan found eleven nickels in the couch.  How much money did Megan find in the couch?

3.    Sophia put five whiteboard on each table.  There were a total of eight tables.  How many whiteboards did Sophia pass out?

4.    Jordan and four of his friends ate two slices of pizza each.  How many slices of pizza did they eat altogether?

5.    There were five hens in a coop.  Each hen laid seven eggs.  How many eggs were in the coop?

6.    There was a tray of cupcakes that had five rows with four cupcakes in each row.  How many cupcakes were on the tray?

7.    The math quiz has three columns with five problems in each column.  How many problems are on the quiz?

Multiplying Doubles

Set 1:

1.      Ken collects eight different types of rocks.  He has eight rocks in each category.  How many rocks does Ken have in his collection?

2.      Sam has five, five dollar bills.  How much money does Sam have?

3.      Emma's mom filled twelve dozen plastic eggs for the egg hunt.  How many eggs did she fill?

4.      Marcus created an array of shells he collected.  The array had four rows and four columns.  How many shells did Marcus collect?

5.      Tim swam four laps.  It took him four minutes to swim each lap.  How many minutes did it take him to swim all three laps?

6.      The table is three yards long.  How many feet long is the table?

7.      Sam's little brother built six block towers.  He used six blocks for each tower.  How many blocks did he use to build all six towers??

Set 2

1.  The teacher ordered eight pizzas for the pizza party.  Each pizza was cut into eight slices.  How many slices of pizza were there?

2.  Ben charges seven dollars to wash his neighbors' cars.  How much money would Ben earn if he washed seven cars?

3.  Leo has twelve feet of rope.  How many inches of rope does Leo have?

4.  Dan has four sets of four quarters.  How many quarters does Dan have?

5.  Mary has five nickels.  How much money does she have?

6.  If you walked at a rate of five miles per hour, how many miles would you walk in five hours?

7.  Steve drinks seven glasses of water every day.  How many glasses of water does Steve drink in one week?

Set 3

1.       Erin can solve one word problem per minute.  How many problems does Erin solve in one minute?

2.       Seven students read seven books during Winter Break.  How many books did they read in all?

3.       The book shelf has ten shelves.  Each shelf has ten books.  How many books are in the bookshelf?

4.       The P.E. teacher has six baskets with six balls in each basket.  How many balls does the P.E. teacher have altogether?

5.       There were eight trays of cookies with eight cookies on each tray.  How many cookies were there in all?

6.       Lunch costs three dollars.  How much would it cost to prepay for three lunches?

7.       Each brownie mix yields ten brownies. How many brownies would ten brownie mixes yield?

Set 4

1.    Paul played three games of baseball.  He hit three homeruns each game.  How many homeruns did Paul hit?

2.    Amy made an array with her jellybeans.  The array had six columns and six rows.  How many jellybeans did Amy have?

3.    Bob organized his Halloween candy into eight piles with eight pieces of candy in each pile.  How many pieces of candy did Bob get?

4.    If there are two bicycles, how many tires are there in all?

5.    The restaurant serves eleven desserts each day.   How many desserts does the restaurant serve in eleven days?

6.    The big box of candy has chocolates arranged in nine columns and nine rows.  How many chocolates are in the box?

7.    Jessica made seven bracelets with seven beads on each bracelet.  How many beads did Jessica use?

Set 5

1. Jenny has five packs of gum with five sticks of gum in each pack. How many sticks of gum does Jenny have?

2. The teacher assigned four sections of math homework. Each section has four problems. How many problems were assigned for homework?

3. The class had to complete ten sets of jumping jacks. One set equals 10 jumping jacks. How many jumping jacks must the students complete?

4. Mom folded three loads of laundry today. Each load contained three towels? How many towels did Mom fold?

5. Nicole sorted her different colored hair bands into six piles. There were six hair bands in each pile. How many hair bands does Nicole have?

6. If the speed limit is ten miles per hour, how many miles would you travel in ten hours?

7. Dad bought five, five pound bags of potatoes. How many pounds of potatoes did Dad buy altogether?

Multiplying Nines

1.      Nine hockey players put their pair of gloves into the basket.  How many gloves were in the basket?

2.      My dad has nine days off of work per month.  How many days off does my dad get in one year?

3.      There are three baskets each holding nine pieces of fruit.  How many pieces of fruit are there altogether?

4.      Randy washes his hands nine times per day.  How many times does Randy wash his hands in a week?

5.      Student Council is selling lollipops for a fundraiser.  If they have eight flavors to choose from and nine lollipops of     each flavor, how many lollipops do they have to sell?

6.      The P.E. teacher was setting up for Field Day.  One station consisted of nine hula hoops with ten tennis balls in each.  How many balls were at the station?

7.      Nine baseball players each had one mitt.  How many mitts did the baseball players have?

Set 2:

1.	I made nine batches of cookies.  Each batch yielded eleven cookies.  How many cookies did I make in all?

2.	The entire restaurant was full.  There were nine tables, with four people sitting at each table. How many people were sitting in the restaurant?

3.	The rectangle drawn on the blacktop was twelve feet long and nine feet wide.  What is the area of the rectangle?

4.	Darlene has nine stickers.  Erin has twice as many stickers as Darlene.  How many stickers does Erin have?

5.	My mom works nine hours a day.  How many hours does my mom work in five days?

6.	During Field Day, one station had eight sets of nine students competing.  How many student were competing at the station.

7.	Nine students bought one lollipop each.  How many lollipops were sold?

Set 3:

1.    The students in a class were all working in small groups.  There were nine groups of three students. How many students were in the class?

2.    Nine students brought juice boxes for the picnic.  Each pack had ten boxes.  How many juice boxes did the students bring?

3.    Rudy and Chris each had a collection of nine baseball cards.  How many baseball cards did they both collect?

4.    The dimensions of the rug in the classroom are nine feet long by six feet wide.  What is the area of the rug?

5.    Each of nine kids has four pets.  How many pets would there be if you combined them all?

6.    Nine people called nine times to vote for the same singing contestant.  How many votes did the singer get?

7.    All eight tables in a classroom had nine pencils on them.  How many pencils were there altogether?

Set 4:

1.      There were nine couples at the meeting.  How many people were at the meeting?

2.      Nine 5$^{th}$ graders are ten years old.  What is the product of their combined ages?

3.      Nine people each brought one dessert to the party.  How many desserts were brought to the party?

4.      Nine hens produced a dozen eggs each.  How many eggs were produced in all?

5.      Sam read nine pages of his books everyday for seven days.  How many pages did Sam read in a week?

6.      The teacher had to make nine homework packets with three papers in each packet.  How many pieces of paper did the teacher need?

7.      The principal had to sign nine stacks of Perfect Attendance awards.  Each stack had nine awards.  How many awards did the principal have to sign altogether?

Set 5:

1.     The bus had nine seats on it.  Three students can fit on each seat.  How many students can ride the bus?

2.     Some athletes completed nine sets of ten jumping jacks.  How many jumping jacks did the athletes complete?

3.     Tim has to write his nine spelling words four times each.  How many words must he write?

4.     There are nine baskets of books on the bookshelf.  Each basket contained seven books.   What is the combined number of books on the bookshelf?

5.     Misty read every day for nine weeks straight.  How many days did Molly read?

6.     The rug in the classroom is eight feet wide by nine feet long.  What is the area of the rug?

7.     Ms. Green arranged her desks in rows.  She fit nine rows with five desks in each row.  How many desks were in Ms. Green's room?