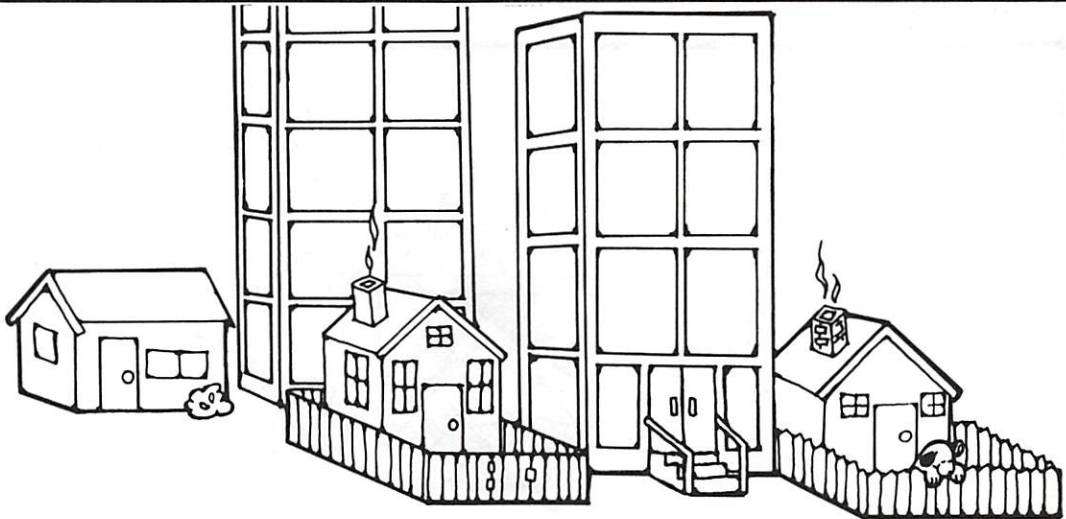


- 49** Saburo is going to the beach. He is looking for a towel, a T-shirt, and something to play with. He finds three T-shirts: red, green, and blue. He finds three towels: striped, plaid, and dotted. He finds three things he can play with at the beach: a frisbee, a kite, and a ball. He picks out one towel, one T-shirt, and one thing to play with. What are all the different combinations of things he could choose?

- 50** Carlota has met five new friends at school that live near her: Stefano, Taro, Marianne, Laura, and John. She is trying to figure out where each of them lives. Stefano and Taro both have fenced yards. Marianne does not have a chimney on her house. There is a big dog in Taro's yard and John lives in a four-floor apartment house. Can you put a name with each house or apartment?

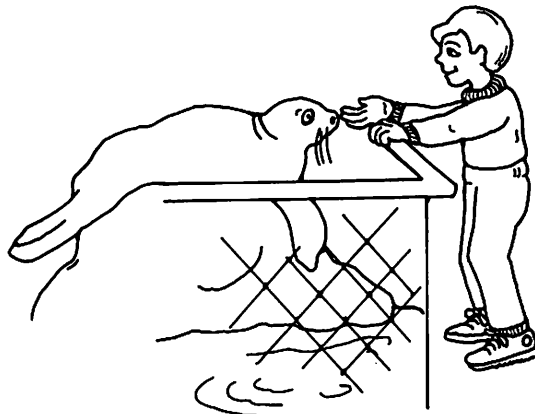


51 Conrad was scared as he knocked on the door. A low voice said; "Before I open the door you must name the secret number." Here are some clues:

- It is greater than 275.
- It is less than 325.
- If you count by 5s you say its name.
- It can be divided evenly by 3 and 9.

What is the secret number?

52 Troy was feeding the animals at the zoo. He started at the monkey's cage. Then he walked down the hill 3 cages to feed the birds. The birds are in the first cage in the zoo. Then Troy went up the hill 7 cages to feed the seals. From there he went down the hill 5 cages to feed the bears. Next he went up the hill 8 cages to the elephants. They are in the last cage in the zoo. How many cages are there in the zoo?



Name

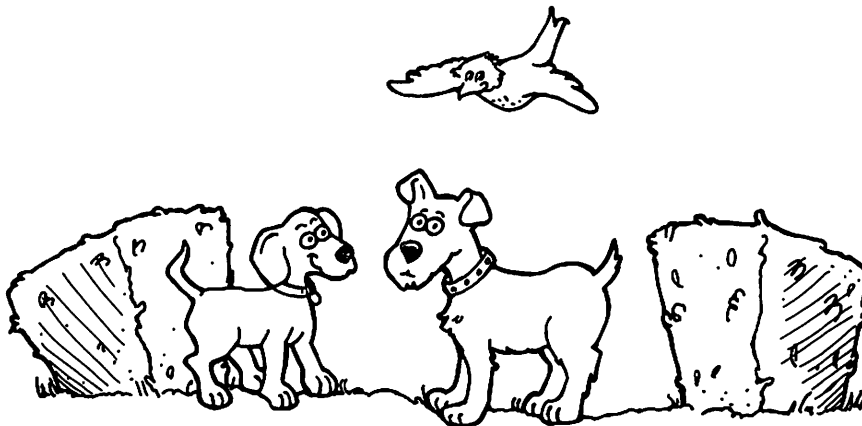
- 53** Yolanda and Masami are playing a game with a timer and three dice. Each player rolls three dice and uses the three numerals rolled to make 3-digit numbers. A numeral can only be used once in a number. Each number is worth 10 points. Masami rolls 3, 6, and 5. How many points can he earn?
-

Name

- 54** It took Georgio and Amelio a total of 2 hours to put up all the notices for the pet show. They posted notices on trees and bulletin boards around town. All kinds of prizes were to be given, including one for the “ugliest” pet. Amelio worked three times as long as Georgio putting up signs. How long did each of them work?
-

55 Erin was on Pine Lane, trying to remember where each of her six new friends lived: Sean, Jiro, Lee, Elsa, Dina, and Cam. She knew they lived across from each other in the first three houses on each side of the street. She remembered that Sean lived in the first house directly across the street from Jiro and next door to Lee. She also remembered that Elsa lived next door to Jiro and on the same side of the street as Cam. Where did each friend live?

56 Nora and Ned were lost in the bushes. The two dogs had been chasing a cat in the park. A friendly bluejay offered to guide them out of the bushes. He told them to go ahead 5 bushes and turn right; then go ahead 6 bushes and turn left; then go ahead 5 bushes and turn left; then go ahead 6 bushes, and turn right. Then if they would go straight ahead, they would be out of the bush maze. Can you make a map to show the path that the bluejay told Nora and Ned to follow?

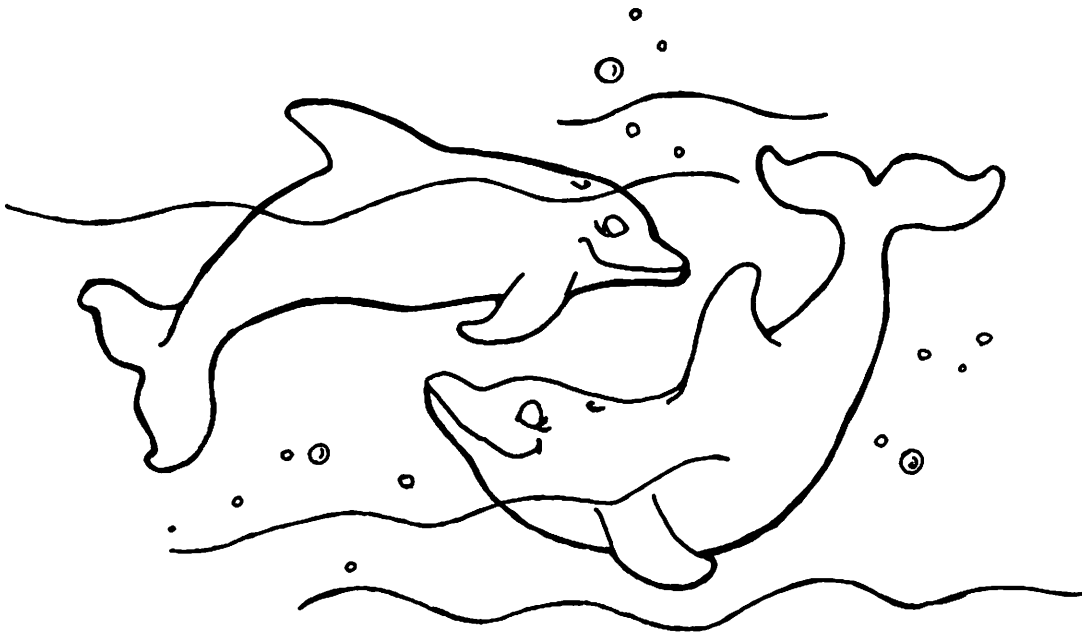


Name _____

- 57** Holly needed 45 cents worth of stamps to send a letter to her pen pal. She looked at the stamps her mother had, and they were all 15-cent, 10-cent, and 5-cent stamps. How many different combinations of stamps could Holly put on her letter?

Name _____

- 58** There were two baby dolphins at the South City Aquarium. Baby Dave is 25 days old and baby Dan is 5 days old. When will Dave be three times as old as Dan?

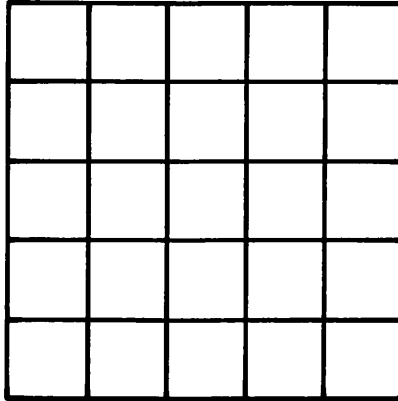


- 59** Sabrina's great-grandfather was 100! They were celebrating with a big family cookout and Sabrina was taking orders. She found one fifth as many people wanted chicken as wanted ribs, one fourth as many people wanted ribs as wanted hot dogs, and one half as many people wanted hot dogs as wanted hamburgers. Sabrina gave her brother, the chef, an order for 80 hamburgers. How many people asked for chicken, how many people asked for ribs, and how many asked for hot dogs?

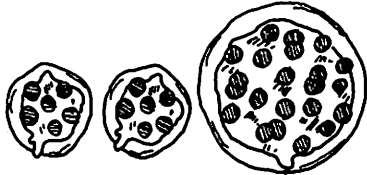

- 60** Tisha and Joy went to a farm where you could pick your own strawberries. In the first 10 minutes together they picked 21 strawberries. In the second 10 minutes they picked 11 more strawberries than they did in the first 10 minutes, or 32 strawberries. In the third 10 minutes they picked 11 more strawberries than they picked in the second 10 minutes, or a total of 43. Each 10 minutes they picked 11 more strawberries than they had picked during the previous 10 minutes. How long would it take them to pick over 250 strawberries?


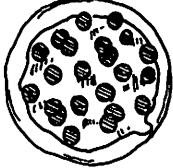


61 Tod and Pat set up the display case of toys for sale. The display case had 5 columns and 5 rows. They put 5 cars, 5 planes, 5 trains, 5 trucks, and 5 boats in the case. The store manager told them to be sure to have 5 different things in each column and each row. How did they set up the display?



62 At Pizza Madness:


 costs the same as
 

If
 
 costs \$4, then what does
 
 cost?

- 63** Lee is keeping track of how many people request the two most popular books in the library. During the first week there were 5 requests for both *Freaky Frisbees From Outer Space* and *Harlow, the Talking Goat*. During the second week there were 7 requests for the frisbee book and 9 for the goat book. During the third week there were 9 requests for the frisbee book and 8 requests for the goat book. During the fourth week there were 11 requests for the frisbee book and 12 requests for the goat book and during the fifth week there were 13 requests for the frisbee book and 11 requests for the goat book. If this rate continued, how many people would ask for the goat book when 25 people were asking for the frisbee book?
-

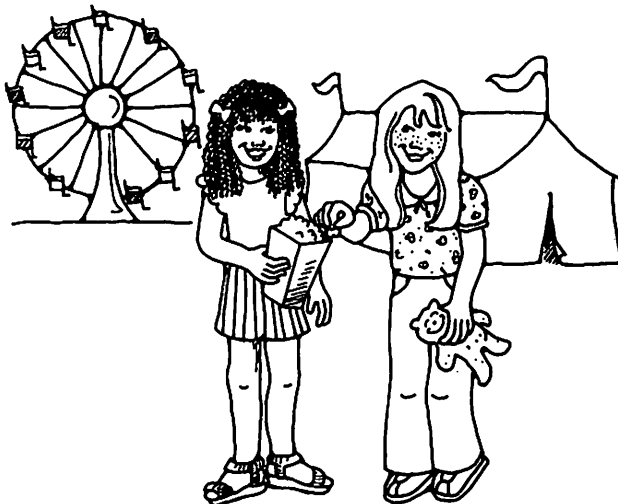
- 64** The Bookworm had 20 copies of *Raising Your Rabbit Right!*. After a week they had 17 copies left. At the end of two weeks they had 16 copies left and after three weeks they had 13 copies left. At the end of four weeks they had 12 copies left. If they kept selling copies of the book at this same rate, how many copies would they have left at the end of nine weeks?
-

Name _____

- 65** Kimiko's mother and father own a toy store. Today Kimiko and her mother are buying some tiny clay animals for the store. Her mother likes the seals that are 22 cents each. Kimiko likes the bears that are 29 cents each. Her mother gets some of both and pays \$5.39. How many of each kind of animal did Kimiko's mother buy?

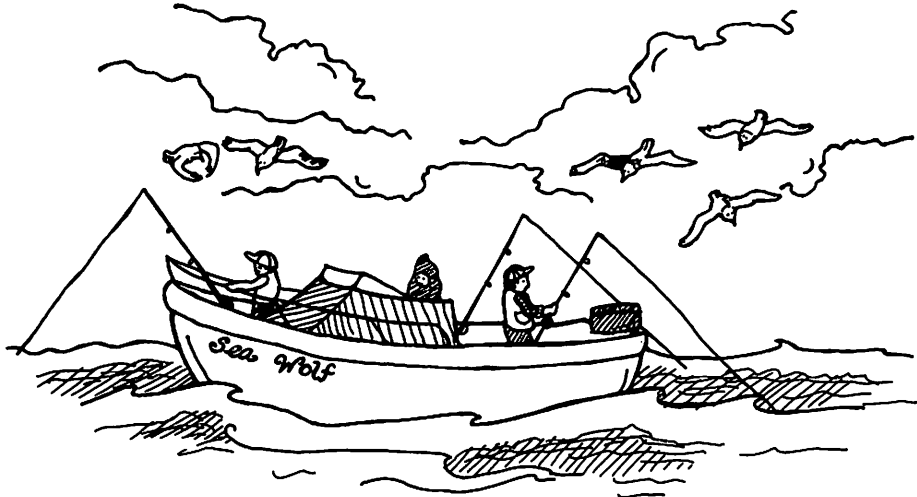
Name _____

- 66** Tanya and Janelle were going to a musical show at the county fair. First they could go through 8 different gates to get into the fair. Once inside there were 6 ticket booths. Past the ticket booths were 4 different paths to the musical show. How many different ways could Tanya and Janelle get from outside the fair to the musical show?



Name _____

- 67** The seagulls were following the Sea Wolf, because Ted and Mike had a good catch that morning. They counted their fish and after the fourth hour there were 40. The third hour there were one half as many fish as in the fourth hour, and during the second hour there were half as many as they counted in the third hour. The first hour there were one half as many as in the second hour. How many fish did Ted and Mike catch altogether during the four hours?
















Name _____

- 68** Iris, Maxine, Rudolfo, and Ralph were dreaming about competing in the Olympics in track, swimming, the high jump, and gymnastics. Iris is the fastest runner at school, and Ralph hates water. When Rudolfo goes to school, he jumps over the gate instead of going through it. Which Olympic sport do you think each of the kids would choose?

Name _____

69 Can you fill in the rest of the squares?

Name _____

70 Stuart's dog Barney wagged his tail. Barney had never seen so many dogs at once. Stuart counted up all the dogs at the dog show.

- The number is greater than 195.
- The number is less than 300.
- If you count by 10s you say its name.
- It can be divided evenly by 3 and 9.

How many dogs did Stuart count?

-
- 71** Sasha's family is having a big reunion on July 4. They borrowed tables and are setting them up outside. They can put three chairs on each side of the tables. If they set up 8 tables in a long row, with the tables together on one side, how many family members can sit down to eat?
-

-
- 72** At school they did a survey of everyone's favorite sport. The survey showed that one third as many kids liked tennis as liked basketball. There were one fifth as many kids who said they liked basketball as said they liked baseball or softball. Then one half as many kids liked baseball or softball as liked soccer. There were 90 kids who liked soccer the best. How many kids did they interview, and how many liked each sport the best?
-



Name _____

- 73** Wilma, a wicked witch, decided to steal 300 ladybugs for her garden. On the first day she took 20 ladybugs. On the second day she took 15 more ladybugs than on the first day. Each day she took 15 more ladybugs than she had taken the day before. How many days did it take Wilma the wicked witch to steal more than 300 ladybugs?

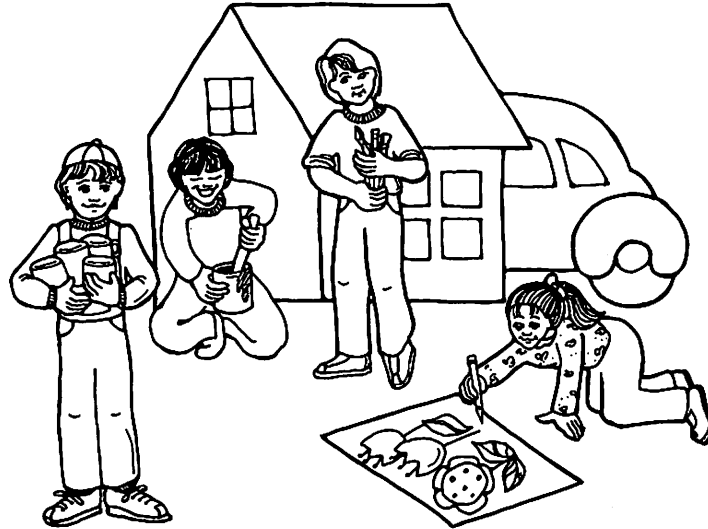


Name _____

- 74** Angie and Lisa were taking gymnastics together. One day each of them ran to class from where they lived. Together it took them $12\frac{3}{4}$ minutes. It took Lisa twice as much time as it took Angie. How many minutes did it take each of them to run to class?

Name _____

- 75** Rod and Lucas were painting scenery for the school play. They had to decide what color to paint the house, the car, and some flowers. For the house they could choose between blue and green. For the car they could pick silver, black, or brown. For the flowers they could choose red, pink, or yellow. How many different combinations of colors could they choose?

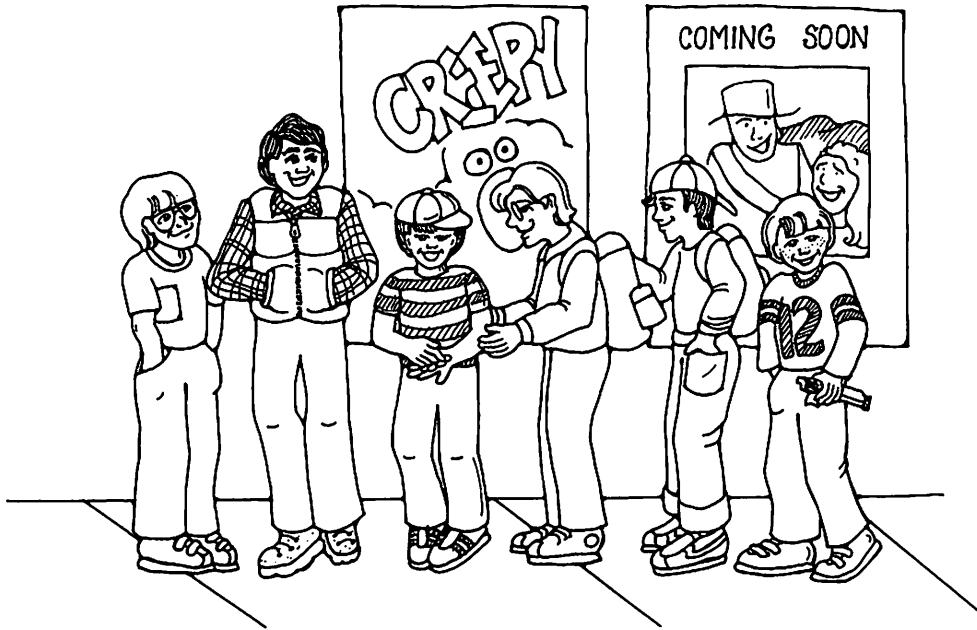


Name _____

- 76** Clayton is getting some friends together to go to a movie. He is getting his friends who live on his floor of the apartment building. First he walks down the hall 6 apartments to get Martha. Martha lives in the last apartment on the floor. Then Clayton goes up the hall 10 apartments to get William. Next he goes down the hall 3 apartments to find Rita. From here he goes up the hall 6 apartments to pick up James. He lives in the last apartment on the floor. If there are the same number of apartments on both sides of the hall, how many apartments are there altogether on Clayton's floor?

Name _____

- 77** Dylan, Sergio, Emilio, Darren, Brent, and Tony are in line for the Saturday matinee. Dylan and Emilio have on hats. Emilio and Tony have backpacks. Sergio is the tallest and Darren is not wearing glasses. Can you put a name with each of the boys in line?



Name _____

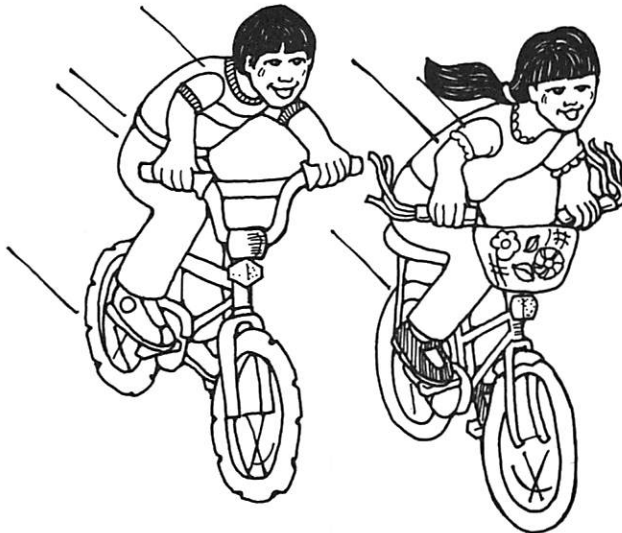
- 78** Libby and Kaz were setting out records and tapes, jewelry, toys, books, posters, and T-shirts for the White Elephant Sale at school. They were setting up six tables in two rows. They put the records and tapes across from T-shirts and next to the books. They put the posters at the opposite end of the row from the T-shirts. The toys were not put next to the T-shirts. How did Libby and Kaz set up the tables for the White Elephant Sale?

Name _____

- 79** Joe is typing up a list of 2-digit numbers, but he has a problem. He is using a very old typewriter and a lot of the keys are stuck. The only numerals that will type are 1, 4, 6, and 8. How many different 2-digit numbers could he make with these numerals?

Name _____

- 80** Toshio and Sumi have new bikes and already Toshio has ridden 8 miles. Sumi has ridden 1 mile. If each one rides 1 mile a day, how many days will it be before Toshio has ridden twice as far as Sumi?



Name _____

- 81** At the skateboard park near Ivan, there seemed to be more skateboarders each week. Ivan counted 20 skateboarders one week. The next week there were 27, and the next week there were 31. There were 38 skateboarders the fourth week and 42 the fifth week. In what week would Ivan count 80 or more skateboarders?

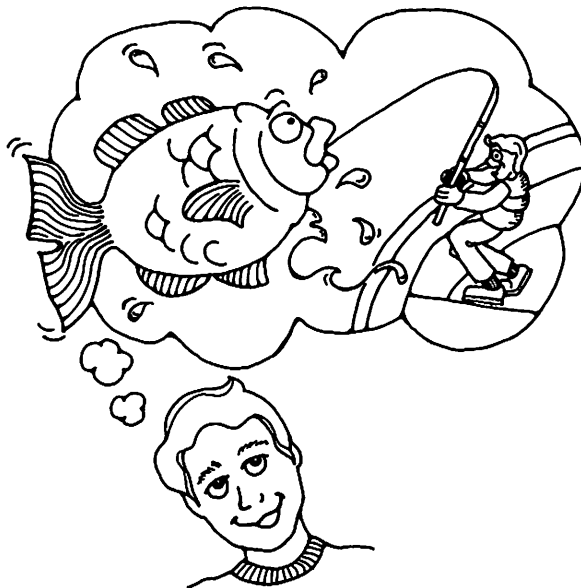


Name _____

- 82** Lia and Carlos went on a bike ride with Anita. They left Anita's house and went 3 blocks to Maple Street and turned right. They went straight ahead 6 blocks to Pine and turned left. They went 4 blocks to Elm and turned left. Then they went straight ahead 4 blocks when Anita stopped, and said she wanted to go back to her house. What was the shortest way back to Anita's house?

83 Midori, Anna, Sonia, Rita, and Paula were at summer camp. One day they decided to exchange T-shirts for the next 5 days. Together they had a brown, a white, a yellow, a pink, and a red T-shirt. They decided that no girl could wear a T-shirt more than one day, so they would have to exchange shirts each day. How could they arrange the shirts for the next 5 days?

84 Doug was daydreaming about his fishing trip when the busdriver said, "Put 32 cents in the meter please!" Doug reached in his pocket, found the right coins and put them in the meter. What are all the different combinations of coins that Doug could have put in the meter?



- 85** Morris hated raking leaves. There were two trees that he hated the most, because they always were dropping leaves. One day he decided to count how many red and yellow leaves dropped from the trees every hour. In the first hour there were 8 red leaves and 8 yellow leaves on the ground. In the second hour there were 12 yellow leaves and 15 red leaves on the ground. In the third hour he counted 15 yellow leaves and 16 red leaves on the ground. In the fourth hour there were 19 yellow leaves and 23 red leaves on the ground. Then at the end of the fifth hour he found 22 yellow leaves and 24 red leaves on the ground. If the leaves kept dropping at the same rate, how many hours would it take for 50 red leaves and 50 yellow leaves to drop on the ground?

- 86** While the Foonies were flying through space, in one hour they saw one third as many strange objects as moons. They saw 4 fewer moons than UFOs. They saw one fourth as many UFOs go by as stars. They saw 88 stars out the window of their spacecraft. How many things did they see altogether in that hour?



87 Ross is packing two sizes of boxes at the Tasty Tuna Company.

A **A** **A** **B** holds the same number of cans as **A** **A** **A** **A**

If **A** holds 34 cans, then what does **B** hold?

88 Russell and Gwen signed up to bike and run in the Holly School Move-a-thon. People signed up to give money for every mile they biked or ran. They got 15 cents for every mile they biked and 25 cents for every mile that they ran. Russell biked and Gwen ran. Together they raised \$3.05. How many miles did Russell bike and how many miles did Gwen run?

Name

89 Danielle was the 100th runner across the finish line. Lots of runners finished after Danielle. Here are some clues for the number of runners who finished the race:

- It is more than 280.
- It is less than 316
- If you count by 4s you say its name.
- It can be divided evenly by 7.

How many runners crossed the finish line?

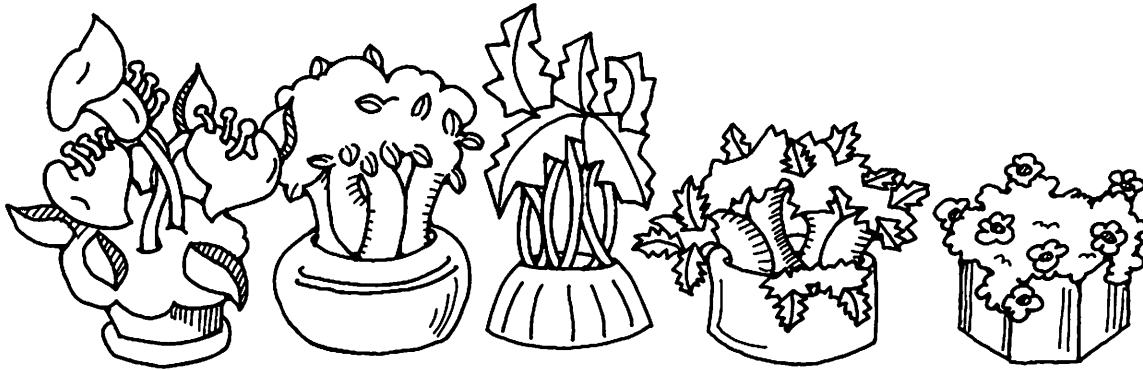


Name

90 Antonio was saving pennies and nickels. He had a total of 95 coins worth \$2.75. How many pennies and how many nickels did he have?

91 The famous Professor Leaf is showing off his rare plants. He gives each plant a letter name because the real names are hard to spell and pronounce.

- A and C have jagged leaves.
- A and D have thick stems.
- B and E have flowers.
- E has flowers that look like trumpets.

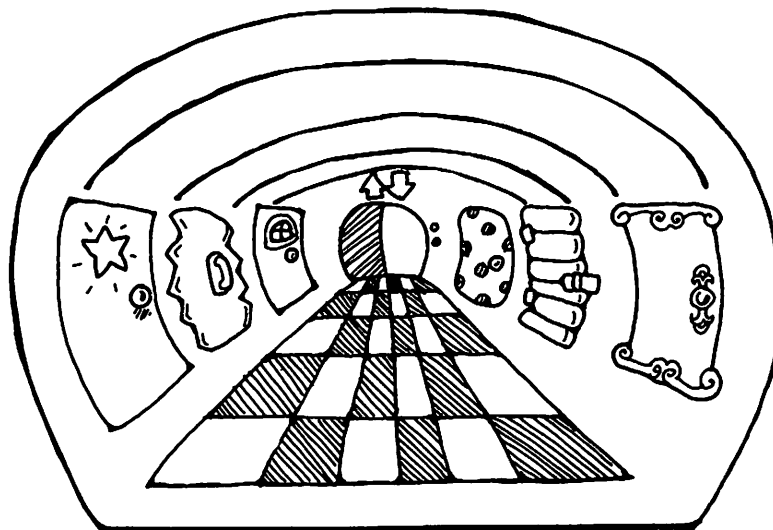


Can you put a letter by each of Professor Leaf's plants?

92 Teresa built a 2-story apartment house for her hamsters: Gerald, Farley, Sam, Meredith, Lana, and Lara. She put each hamster in one of the 6 apartments. She put Gerald next to Lara and above Farley. Lana was at the other end from Lara. Sam was not directly below Lana. Where did Teresa put each of the hamsters?

- 93** On Saturday Megan liked to go to Sandwich Heaven. Megan could choose the bread, filling, and topping for her sandwich. She could choose between wheat, rye, or white bread. She could have chicken salad, turkey, or ham for the filling. She could also have lettuce, tomato, or sprouts on top. How many different sandwiches could Megan order?

- 94** Carla delivers packages in a secret underground building. Today she started on the first floor and went up 7 floors. Then she went down 3 floors, and then up 16 floors. She went up 2 more floors to the top floor of the building. How many floors were in this secret underground building?



Name _____

- 95** Ben was a wonderful ball-finder. Every time Gina and Holly took him to the park he ran into the bushes and came out with a tennis ball. They had a big collection of balls, 180 altogether. Ben liked yellow tennis balls the best, so he brought them four times as many yellow ones as all the other colors together. How many yellow balls did they have, and how many were not yellow?

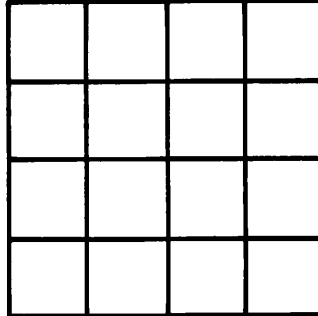


Name _____

- 96** Barbara and Janet were collecting Terrible Willy stickers. Barbara had 8 stickers and Janet had 4. Barbara collected a new one each week and Janet collected 2 new ones each week. How many weeks would it take for Janet to have exactly 10 more stickers than Barbara?

Name

- 97** Tyrone and Wilfred are playing a game. Each player has a paper with a square on it, and some markers. The square is divided into 4 columns across and 4 rows down. The object of the game is to be the first player to put 12 markers in the 12 boxes so that each row and each column has a total of 3 markers in it. How fast can you do this?



Name

- 98** Brad was dealing out the cards for Neal. After he dealt out 4 cards, he told Neal to turn them over. "Now," he said, "how many different ways can you arrange your four cards in a stack?" Neal had these four cards: 3, 5, 7, and 9. How many ways are there?
-

Name _____

- 99** It was a hot day in August. Jeanine and Lorenzo went exploring to find an ice cream store. They went right from their apartment house, and straight for 6 blocks. They turned right at A.J.'s Fish and Chips, and went straight for 4 blocks. At the Miracle Cleaners they turned left, and went straight 2 blocks. They stopped at the library and turned left. After going straight for 10 blocks, they found Frozen Fantasy. After getting some ice cream, what was the quickest way home for Jeanine and Lorenzo?

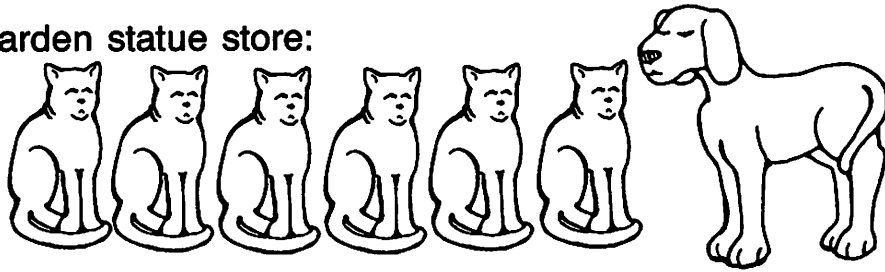
Name _____

- 100** The magic show was almost over. Mario was getting ready to do his famous banner trick. He pulled banners made out of flags from a top hat. First he pulled out a banner made up of 14 flags. Next he pulled out a banner made up of 23 flags. The third banner was made up of 18 flags, and the fourth banner was made up of 27 flags. The fifth banner was made up of 22 flags. Mario stopped his banner trick when there were more than 50 flags in the banner. How many banners did Mario pull out of the hat?

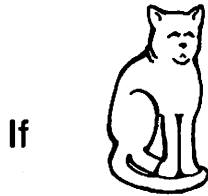
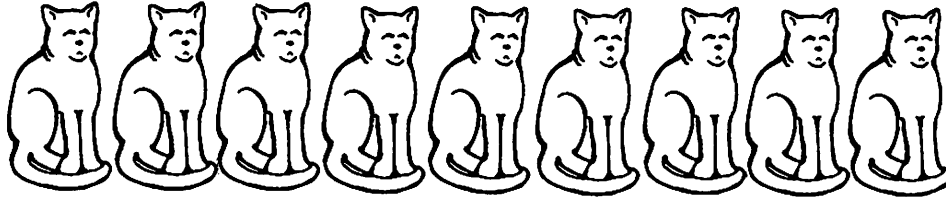


Name _____

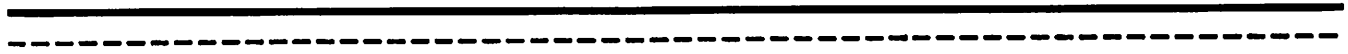
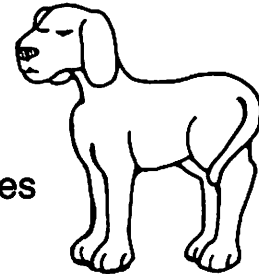
101 At the garden statue store:



weighs the same as












weighs 4 pounds, then what does



Name _____

102 Claudia was making a design for her little sister with blocks. Can you finish the design?

Name _____

- 103** Gerald, his sister, and his brother all have paper routes. One Sunday Gerald's sister and brother had the flu, so Gerald had to deliver all 384 papers by himself. He had to deliver 106 more papers north of Main Street than south of Main Street. How many papers did Gerald deliver north of Main Street and how many papers did he deliver south of Main Street?

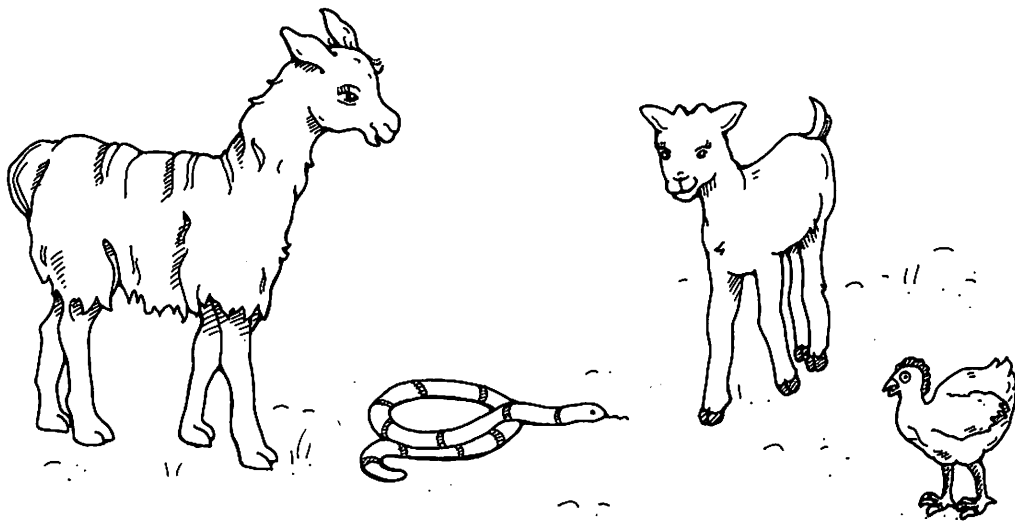
Name _____

- 104** The Wizard at Windows is washing all the windows in the building at 946 Third Street. There are 9 floors in the building and 12 offices on each floor, 6 offices across the back of the building and 6 offices across the front of the building. The outside wall of each office has 2 windows. How many windows does the Wizard have to wash?



- 105** Bonnie and her father and mother are going to the ball game. There are 12 different gates from the outside. Then there are 16 different stairways into the stadium. How many different ways can Bonnie and her mother and father go into the stadium?

- 106** Blaine, Treavor, Deanna, and Aniko all love animals and they each have one of these animals for a pet: a snake, a llama, a chicken, and a goat. Blaine hates snakes. Deanna has a pet that can carry a pack, and Treavor likes fresh eggs for breakfast. Can you match the people with their pets?



Name

- 107** Jay noticed that each day he was in the sun he got new freckles. On Friday he counted 31 new freckles, and the day before he had gotten 7 fewer new freckles. Beginning on Tuesday he had gotten 7 more new freckles each day than he had gotten the day before. During the five days, how many new freckles did Jay get?
-

Name

- 108** Can you replace the letters with numerals to make a true equation?

$$\begin{array}{r} A A \\ + A A \\ \hline B B C \end{array}$$

- 109** Jim's Market couldn't keep Crunchy Critter Crackers in stock. Jim started with 300 boxes but everyone wanted them. The first day Jim sold 6 boxes, and on the second day he sold 14 boxes. Each day 8 more boxes were sold than the day before. So after two days, he had sold 20 boxes. If he kept selling the crackers at this rate, when would Jim run out of Crunchy Critter Crackers?

- 110** Mary Ellen and Shing were at the park, clapping for the monkey as it did tricks to the music. When the monkey passed the hat, Mary Ellen and Shing put in 13 coins. Together they gave the monkey 25 cents. What coins did they put in the hat?



Name _____

- 111** Samantha and Cindy were in a canoe race. They had to race 150 yards. The wind was blowing very hard on the lake. After the first minute Samantha was 35 yards from the starting point and Cindy was 25 yards. After the second minute Samantha and Cindy were both 30 yards from the starting line. At the end of three minutes Samantha was 65 yards and Cindy 55 yards from the starting line. After four minutes both Samantha and Cindy were 60 yards from the starting line. If they kept going at the same rate, who won the race and how many minutes did it take her?



Name _____

- 112** When Merilee goes to the building where her mother works, she can go through 3 different doors into the lobby. Then she can go to the 7th floor by taking 3 different elevators or 2 different stairways. How many different ways can Merilee get from outside the building to her mother's office on the 7th floor?

Name

113 Ann and Marie are on the same team in a trivia game. Each team answers questions that are on blue cards worth 7 points, and yellow cards worth 9 points. Ann and Marie's team have 128 points so far. How many of the questions they have answered were on blue cards and how many were on yellow cards?

Name

114 Ferdinand is a magician who loves flowers. He has part of a field planted with flowers that keeps doubling in size every day. From the time that the first flower appears until the field is covered takes about 40 days. On what day is the field half covered?

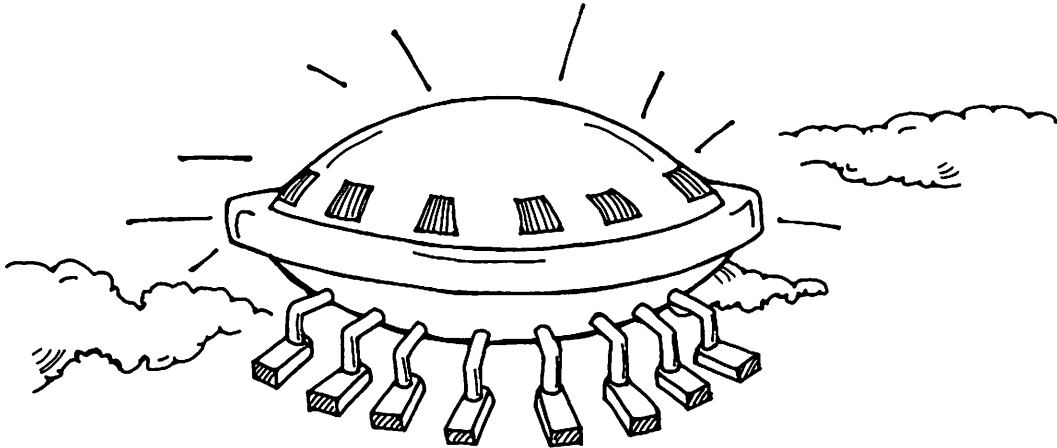
- 115** Muriel and Betty are stacking cartons in the middle of the room. They are stacking the cartons side by side, 2 rows of 9 cartons across and 6 cartons high. They have to mark each carton where there is a side facing out, except for the tops of the cartons. How many sides do they have to mark?

- 116** They were painting a huge mural at Los Amigos School. They started on Monday and finished on Friday, when they painted 12 feet. Each day they painted $2\frac{1}{2}$ more feet than the day before. How many feet long was the mural?



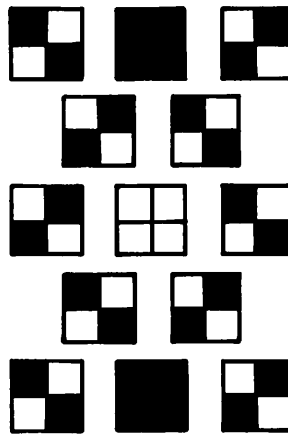
Name _____

- 117** With loud beeps, the spaceships from the planets Morunda and Boranda touched down. The Morunda spaceships each landed on 8 robot "feet," and the Boranda spaceships each landed on 12 robot "feet." When the spaceships left, someone counted 208 "feet" marks in the dust. How many spaceships had been there from each planet?



Name _____

- 118** Kurt was helping to put in a new tile walkway. What are the next two rows in the walkway?



Name _____

- 119** Lloyd, Toby, Pepe, and Gene were talking one day about where they would like to live: a farm, a boat, a mountain cabin, and with a circus. Toby hates to travel. Pepe loves the ocean, and Gene loves to plant things and watch them grow. Which place to live do you think each person would choose?
-
-

Name _____

- 120** The four girls washed the neighbor's dog for 50 cents. They didn't know how to divide the money, so the dog owner said: "I will give the four of you $\frac{4}{5}$ of the total amount. To the first one to tell me how much that is, I will give $\frac{1}{2}$ of the other $\frac{1}{5}$." If someone gave the dog owner the right answer, how did the money get divided up?
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