

Name _____

Date _____



FOURTH GRADE PROBLEM SOLVING

Mrs. Decker brought 4 dozen apples to the class. She gave 2 apples to each of her 23 students and 1 apple to a visiting parent. Did she have enough apples? **ANSWER** _____

Show All Work



Explain Your Answer

If so, how many were left over? If not, how many more apples did she need? **ANSWER** _____

SHOW YOUR WORK

Justify Your Answer

Name _____

Date _____



Fourth Grade Problem Solving



There are 150 monkeys, 23 bears, and 123 snakes living in the forest. 20 monkeys were captured by the owners of the zoo. 18 bears went to find food on the mountain. 20 snakes moved to live in the water. How many animals are still in the forest?

Answer _____

Show All Work



Explain Your Answer _____



Name _____

Date _____

Fourth Grade Problem Solving



There are 15 girls and 14 boys on a soccer team. Five more girls joined the team. Then 4 boys quit the team. How many children are there on the soccer team now?

Answer _____



Show Your Work

Explain Your Answer _____



Name _____

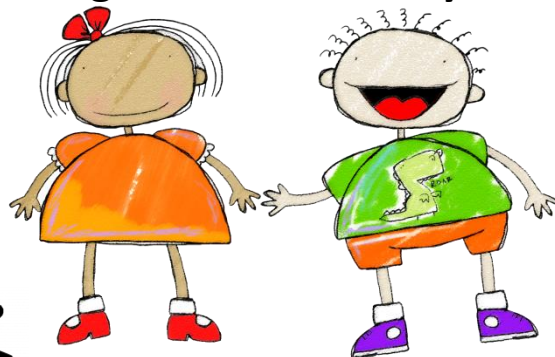
Date _____

Fourth Grade Problem Solving



There are 18 people on a bus. At the first stop, 11 people get off. At the next stop, 12 adults and 5 children get on. How many people are now on the bus?

Answer _____



Show Your Work

Explain Your Answer _____



Name _____

Date _____

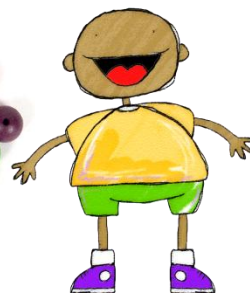


Fourth Grade

Problem Solving

Kathy has 12 beads. Gary has 11 beads. Kelly has 16 beads. They want to share the beads so that they each have the same number of beads. How many beads will each of them have?

Answer _____



Show All Work

Explain Your Answer _____



Name _____

Date _____

FOURTH GRADE PROBLEM SOLVING



Sam sleeps 2 hours in the afternoon and 10 hours at night. How many hours does he sleep in 2 weeks?

Answer _____



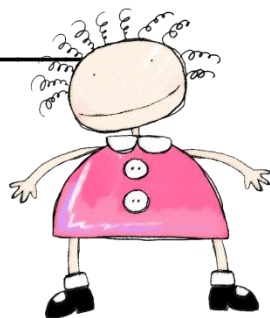
Show Your Work

Explain Your Answer _____

Name _____

Date _____

FOURTH GRADE Problem Solving



There are 3 streets in Kim's neighborhood. There are 16 houses on each street. There are 3 bedrooms in each house. How many bedrooms are there in Kim's neighborhood?

ANSWER _____



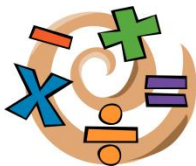
Show All Work



Explain Your Answer _____

Name _____

Date _____



Fourth Grade



Problem

Solving

Mr. Baker plants 8 rows of carrots. 5 rows have 8 carrots. Two months later, he picks 19 carrots. How many carrots are left?



ANSWER _____



Show All Work

Explain Your Answer _____



Name _____

Date _____



Fourth Grade Problem Solving



Jake buys 7 boxes of baseball cards for 4 dollars each. He sells them for 7 dollars each. How much profit does he make on 6 boxes? **ANSWER** _____

How much would he make if he sold all the boxes except one box that got wet and ruined?

Answer _____



Show All Work



Explain Your Answer _____

Name _____

Date _____

FOURTH GRADE PROBLEM SOLVING



A family decided to go on vacation. For every 2 nights they spend in a hotel, they get the third night free. For all of them to sleep in one room for the night, it costs \$78. How much will it cost to stay in a hotel for 15 nights?

ANSWER _____



Show Your Work

Justify Your Answer

Name _____

Date _____



FOURTH GRADE PROBLEM SOLVING

There are 11 dogs and 3 monkeys. How many legs are there in all?

ANSWER _____



Show Your Work

What if we also included 6 chickens, 3 cats, 4 spiders, and 2 centipedes?

Answer _____

Show Your Work

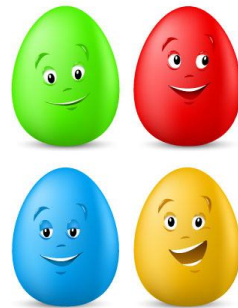
Explain Your Answer

Name _____

Date _____



FOURTH GRADE PROBLEM SOLVING



There were 24 Easter eggs. 12 eggs were in the front yard and 12 eggs in the back yard. Squirrels took 9 eggs from the back yard and 6 eggs from the front yard. How many Easter eggs were left?

ANSWER _____

Show Your Work



Explain Your Answer

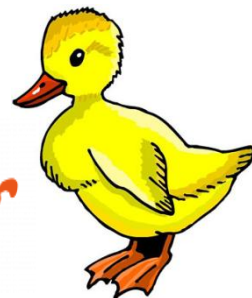


Name _____

Date _____



Fourth Grade Problem Solving



Patrick is a farmer and raises chickens, ducks, and geese. He has 125 chickens, 150 ducks, and 75 geese. He sold 70 chickens and bought 50 more geese. How many birds does he have now?

Answer _____

Show All Work



Explain Your Answer



Name _____

Date _____



FOURTH GRADE

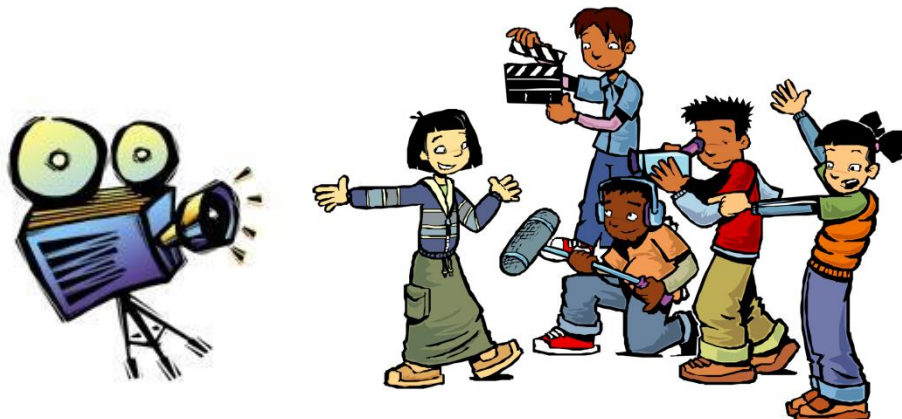
Problem Solving



Paul, Sarah, Tom, Linda, and Nancy are in line to see a movie. Paul is in front of Nancy but behind Tom. Sarah is last. Linda is in front of two boys. Describe the line

Justify Your Answer





Name _____

Date _____



FOURTH GRADE

Problem Solving



Caroline scored 18, 9, 10, and 11 points in 4 basketball games. What was her average points per game?

ANSWER _____



Show Your Work

Explain Your Answer

Name _____

Date _____



FOURTH GRADE Problem Solving



Mary, Tom, Andrea, and Juan are friends. They are recycling cans for a project at school. Juan has collected 3 fewer cans than Andrea. Mary has collected 20 more cans than Andrea. Tom has collected 10 fewer cans than Juan. Andrea has collected 50 cans. How many cans have the children collected.



Show Your Work

ANSWER

Mary _____ Tom _____

Andrea _____ Juan _____

Justify Your Answer

Name _____

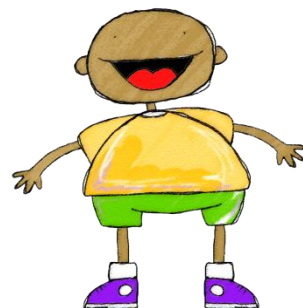
Date _____

Fourth Grade Problem Solving



There were 461 students and 20 teachers taking buses on a trip to a museum. Each bus can seat a maximum of 52 people. What is the least number of buses needed for the trip so everyone has a seat?

ANSWER _____



Show Your Work

Explain Your Answer _____



Name _____

Date _____



FOURTH GRADE Problem Solving



The Bobblehead Band had a concert and sold tickets. They sold more regular seats than front row seats. The total sum of the front row seats was 96. The difference was 32. How many front row tickets were sold?

ANSWER _____

Show All Work

If regular seats \$10.00 each and front row seats cost \$12.00 each, how much did the band make on their ticket sales?

ANSWER _____



Show All Work

Explain Your Answer

Name _____

Date _____



Fourth Grade Problem Solving

MONDAY

Starting	Ending	Hours	Minutes
8:31	11:23		
1:06	6:11		

Tuesday

Starting	Ending	Hours	Minutes
9:05	11:56		
1:02	5:05		

Evan worked Monday and Tuesday. He wants to make sure he gets paid for every minute he works. Which day did he work longer?

Answer _____



How many more hours and minutes did he work on the longer day?

Answer: _____ hours _____ minutes



Name _____

Date _____

Fourth Grade Problem Solving



MONDAY

Starting	Ending	Hours	Minutes
7:25	11:30		
12:26	4:25		

Tuesday

Starting	Ending	Hours	Minutes
6:45	11:00		
12:05	4:19		

Tony also worked Monday and Tuesday. He told Evan that his paycheck would be more because he worked more hours on those two days. Evan says he worked more time. Which of the boys is right? **Answer** _____



How many hours and minutes more did the boy that was right work over the boy that was wrong?

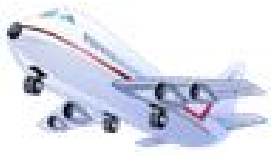
Answer: _____ hours _____ minutes

Show Your Work

Justify Your Answer _____

Name _____

Date _____



FOURTH GRADE

Problem Solving

Jasmine is going to visit her grandmother in another city. She checked to see which airline would be the best bargain for her. Use the table below to find how many hours and minutes each flight would be. She wants the shortest flight since all four flights will cost her the same amount of money.

Airline	Departure Time	Arrival Time	Hours	Minutes of Flight
AmAir	2:36	10:29		
Airways	1:06	10:01		
Travelfly	3:12	11:59		
Worldway	12:46	7:50		

Which airline would be the best flight for Jasmine?

Answer



Justify Your Answer

Name _____

Date _____



fast. fresh. italian.

Fourth Grade Problem Solving

The Boone family likes to go to eat. For their dinner meal, they have a coupon to get one meal free for every two meals they purchase. If one meal costs \$5.40, how much would it cost for all 7 members to eat?

Answer _____



Show Your Work

Explain Your Answer _____



Name _____

Date _____



Fourth Grade Problem Solving



Jake wants to make enough money to purchase as many toy cars as he can afford. To earn money, he makes cookies to sell at a bake sale. He charges \$1.50 for 2 cookies. He was able to buy several toy cars for \$0.40 each with his profits. If he had no money left over after purchasing his toy cars, what is the least number of cookies he sold to have enough money?

(Remember he sold 2 cookies for \$1.50)

Answer



Show Your Work

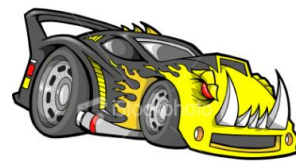
Explain Your Answer



Name _____

Date _____

Fourth Grade Problem Solving



Jake hopes to purchase 25 toy cars to add to his collection. How many cookies will he have to sell to have enough money to make this purchase?

Answer _____



Show Your Work

Explain Your Answer _____



Name _____

Date _____



Fourth Grade

PROBLEM SOLVING



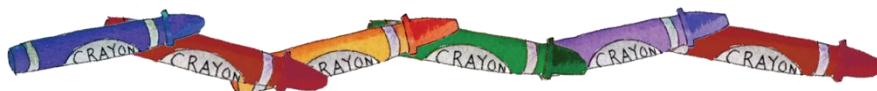
Three teachers are all celebrating their birthdays. Mrs. Smith, Mrs. Hammonds, and Mrs. French want their students to figure out how old they are going to be on their birthdays. Mrs. Smith is 5 years younger than Mrs. French but 2 years older than Mrs. Hammond. Mrs. French is 56. How old is Mrs. Smith and Mrs. Hammond?

Answer Mrs. Smith _____ Mrs. Hammand _____

SHOW YOUR WORK



Explain Your Answer _____



Name _____

Date _____



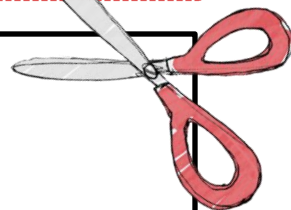
Fourth Grade Problem Solving



The Boone family of 7 decides to eat lunch or dinner out. They have coupons for both meals. Based on the following information, which coupon would save them the most money? Their lunch coupon says that for every 2 buffets they purchase, they will get a free buffet meal. Buffet meals cost \$4.99 plus \$1.00 for their drinks. Their dinner coupon is to get \$10.00 of their total purchase of the buffet meals with a drink.

Answer _____

SHOW YOUR WORK



Explain Your Answer _____

Name _____

Date _____

Fourth Grade Problem Solving



The table shows the bill the Butler family received for their dinner. What is the range in the prices of their meals?

Answer _____

What is the median price of their bill?

Answer _____

What is the mode of the dinner prices?

Answer _____

Person	Dinner Price
Dad	\$3.50
Mom	\$6.25
Uncle Ed	\$5.75
Brother	\$3.50
Sister	\$6.00

Show Your Work

Name _____

Date _____



FOURTH GRADE PROBLEM SOLVING



Brianna wants to decorate this star for her art project. She would like to glue fringe all around the edges of the star. Explain what strategy Brianna would use to find out how much fringe she would need to purchase. _____

If each side of the star was 5 inches long, how many inches of fringe would she need to purchase? **ANSWER** _____

The fabric store only sells fringe by the foot. How many feet would she need to purchase to have enough fringe?

ANSWER _____

Justify your answer: _____

Show Your Work



Name _____

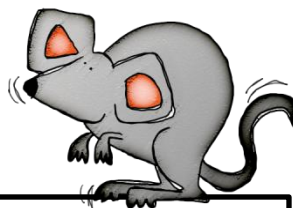
Date _____

FOURTH GRADE PROBLEM SOLVING



Jennifer's room has three snooze-alarm clocks, each of which is set at a different time. Clock A goes off every 15 minutes, clock B goes off every 40 minutes, and clock C goes off every 60 minutes. If all three clocks go off at 8:00 A.M., how long will it be before the clocks go off together again after 8:00 A.M.?

ANSWER _____



Show Your Work

Explain Your Answer _____



Name _____

Date _____



Fourth Grade Problem Solving



David has a rectangular garden that measures 11 feet by 13 feet. He wants to plant peas in his garden. Dad said that one seed packet will be enough to fill a space 10 feet on each side. Will David's garden have enough space to plant 2 seed packets?

Answer _____



Show Your Work

Prove your answer is correct _____

Name _____

Date _____



Fourth Grade

PROBLEM SOLVING

David's father bought him 3 packages of pumpkin seeds. Each package will cover a rectangular garden that measures 5 feet by 16 feet. David's 2 pumpkin patches are each 4 feet by 9 feet each. He doesn't think he'll have enough seeds for both of them. Is he correct or did his father purchase enough packages for both gardens?

Answer _____



Show Your Work

Prove your answer is correct _____
