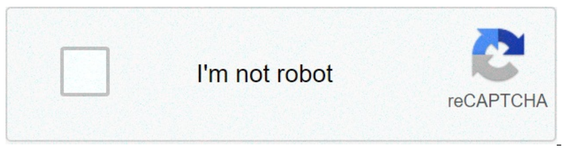

Continue

Story sum for class 1

In 4th grade worksheet on word problems on addition and subtraction, all grade students can practice the questions on word problems based on addition and subtraction. This exercise sheet on addition and subtraction can be practiced by the students to get more ideas to solve the worksheet on word problems on addition and subtraction.1. What is the sum of 40711 and 73412 and the difference of 82731 and 37128?2. Find the number which is:(i) 53172 more than 64278(ii) 53172 less than 64278(iii) 1872 more than 23265(iv) 1872 less than 23265 3. Find the number which exceeds (i) 17319 by 1279 and (ii) 23735 by 2035.4. (i) Which number should be added to 25483 to get the sum of 65785? (ii) Which number should be subtracted from 52847 to get 22489?5. How much smaller is 63512 than 94291?6. Which is greater, 42929 or 91429 and by how much?7. (i) Find the difference of the two sums, 14581 + 18541 and 23427 + 23243.(ii) Find the sum of the two differences, 32309 – 23903 and 41724 – 31527.8. A milk-dairy produces 25,545 litres of milk every day. It supplies 15,625 litres of milk to a milk-depot and the rest to the market. How much milk is supplied to the market?9. The sum of two numbers is 94506. One of the numbers is 49605. Find the other number.10. The sum of two numbers is 45000. One of the numbers is 22500. Find the other number. Which part of the sum is the given number? 17. Team A scored 478 runs in first innings and 345 runs in second innings. Team B scored 389 runs in first innings and 472 runs in second innings. Which team won the match and by how many runs?Answer: Team B, 38 runs18. Jenny reads 324 pages from her book on Saturday and 259 pages on Sunday. There are 876 pages in the book. How many more pages she has to read?Answer: 293 If students have any queries regarding the questions in the worksheet on word problems on addition and subtraction please fill-up the below comment box so that we can help you. However, suggestions for further improvement, from all quarters would be greatly appreciated. We often buy things and then we get money bills of the items. The shopkeeper gives us a bill containing information about what we purchase. Different items purchased by us, their rates and the total We will practice the questions given in the worksheet on bills and billing of different items. We know bill is a slip of paper on which a shopkeeper notes down the requirements of a buyer To estimate the product, we first round off the multiplier and the multiplicand to the nearest tens, hundreds, or thousands and then multiply the rounded numbers. Estimating products by rounding numbers to the nearest ten, hundred, thousand etc., we know how to estimate For estimating sums and differences in the number we use the rounded numbers for estimations to its nearest tens, hundred, and thousand. In many practical calculations, only an approximation is required rather than an exact answer. To do this, numbers are rounded off to a In the worksheet on forming numbers with digits, the questions will help us to practice how to form different types of smallest and greatest numbers using different digits. We know that all the numbers are formed with the digits 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9. In worksheets on comparison of numbers students can practice the questions for fourth grade to compare numbers. This worksheet contains questions on numbers like to find the greatest number, arranging the numbers etc…. Find the greatest number: the greatest number is formed by arranging the given digits in descending order and the smallest number by arranging them in ascending order. The position of the digit at the extreme left of a number increases its place value. So the greatest digit should be placed at the A number which is a multiple of 2 is an even number and that which is not multiple of 2 is an odd number. All those numbers that can be put into pairs are called even numbers, that is, all those numbers which come in the table of two are even numbers. The number that comes just before a number is called the predecessor. So, the predecessor of a given number is 1 less than the given number. Successor of a given number is 1 more than the given number. For example, 9,99,99,999 is predecessor of 10,00,00,000 or we can also Worksheets showing numbers on spike abacus for 4th grade math questions to practice after learning 1 digit, 2 digits, 3 digits, 4 digits and 5 digits numbers on spike abacus. Numbers showing on spike abacus helps the students to understand the number and its place value. Spike abacus is very helpful to understand the concept of magnitude and name of a number. In 4th grade division worksheet we will solve division by 2-digit numbers, division by 10 and 100, properties of division, estimation in division and word problems on division. In worksheet on word problems on division, all grade students can practice the questions on word problems involving division. This exercise sheet on word problems on division can be practiced by the students to get more ideas to solve division problems. In worksheet on estimating the quotient, all grade students can practice the questions on estimate the quotient. This exercise sheet on estimating quotient can be practiced by the students to get more ideas. Find the estimated quotient for the following divisions: To estimate the quotient, we first round off the divisor and the dividend to the nearest tens, hundreds, or thousands and then divide the rounded numbers. In a division sum, when the divisor is made up of 2 digits or more than 2 digits, it helps if we first estimate the ● Four Fundamental Operations - worksheetsWorksheet on Addition.Worksheet on Word Problems on Addition.Worksheet on Subtraction.Worksheet on Mixed Addition and Subtraction.Worksheet on Word Problems on Addition and Subtraction.Worksheet on Addition and Subtraction.Worksheet on Estimating Sums and Differences.Worksheet on Multiplication.Worksheet on Multiplication of a Number by a 2-Digit Number.Worksheet on Multiplication of a Number by a 3-Digit Number.Worksheet on Estimating Products.Worksheet on Word Problems on Multiplication.Worksheet on Division.Worksheet on Division Facts.Worksheet on Estimating the Quotient.Worksheet on Dividing Numbers.Worksheet on Division by Two-Digit Numbers.Worksheet on Word Problems on Division.Worksheet on Four Fundamental Operations.Worksheet on Systems of Numeration. 4th Grade Math Activities 4th Grade Math Worksheets From Worksheet on Word Problems on Addition and Subtraction to HOME PAGE Didn't find what you were looking for? Or want to know more information about Math Only Math. Use this Google Search to find what you need. Share this page: What's this? Welcome to our 1st Grade Addition Word Problems Worksheets. Here you will find a wide range of free printable addition Worksheets, which will help your child practice solving a range of addition problems using numbers with a sum of up to 20. Each sheet consists of adding two or three numbers with a total of up to 10, 15 or 20. There is a space on each sheet for working out, using whichever method you wish your child to use. There are also UK versions of some of the worksheets which use pounds (£) instead of dollars($). Using these sheets will help your child to: recognise addition word problems; add with numbers up to 10, 15 or 20. Take a look at our Addition sentences to 12. On this page, your child will learn to work out basic addition sums up to 12 by counting objects. Take a look at our 1st Grade Addition facts Worksheets page with numbers up to 12+12. On this page, your child will learn to work out basic addition sums to 12+12. Addition Facts to 20 Worksheets Take a look at some more of our worksheets similar to these. Here you will find a range of Free Printable First Grade Place Value games. Using these sheets will help your child learn to: understand place value to 100. Here you will find some more of our 1st Grade Addition Worksheets. Using these sheets will help your child learn to: Here you will find a range of math word problems aimed at first grade level. Each problem sheet is based on an interesting theme such as parties or the seaside. Using these first grade math worksheets will help your child to: Add and subtract with numbers to 12; order numbers to 100; solve a range of math problems. All the math problem sheets in this section support Elementary math benchmarks. How to Print or Save these sheets Need help with printing or saving? Follow these 3 easy steps to get your worksheets printed out perfectly! How to Print or Save these sheets Need help with printing or saving? Follow these 3 easy steps to get your worksheets printed out perfectly! The Math Salamanders hope you enjoy using these free printable Math worksheets and all our other Math games and resources. We welcome any comments about our site or worksheets on the Facebook comments box at the bottom of every page. Addition word problemsBest for: 1st grade, 2nd grade1. Adding to 10: Ariel was playing basketball. 1 of her shots went in the hoop. 2 of her shots did not go in the hoop. How many shots were there in total?2. Adding to 20: Adrianna has 10 pieces of gum to share with her friends. There wasn't enough gum for all her friends, so she went to the store to get 3 more pieces of gum. How many pieces of gum does Adrianna have now?3. Adding to 100: Adrianna has 10 pieces of gum to share with her friends. There wasn't enough gum for all her friends, so she went to the store and got 70 pieces of strawberry gum and 10 pieces of bubble gum. How many pieces of gum does Adrianna have now?4. Adding Slightly over 100: The restaurant has 175 normal chairs and 20 chairs for babies. How many chairs does the restaurant have in total?5. Adding to 1,000: How many cookies did you sell if you sold 320 chocolate cookies and 270 vanilla cookies?6. Adding to and over 10,000: The hobby store normally sells 10,576 trading cards per month. In June, the hobby store sold 15,498 more trading cards than normal. In total, how many trading cards did the hobby store sell in June?7. Adding 3 Numbers: Billy had 2 books at home. He went to the library to take out 2 more books. He then bought 1 book. How many books does Billy have now?8. Adding 3 Numbers to and over 100: Ashley bought a big bag of candy. The bag had 102 blue candies, 100 red candies and 94 green candies. How many candies were there in total?Sign up lnow12. Subtracting Slightly over 100: Your team scored a total of 123 points. 67 points were scored in the first half. How many were scored in the second half?13. Subtracting to 1,000: Nathan has a big ant farm. He decided to sell some of his ants. He started with 965 ants. He sold 213. How many ants does he have now?14. Subtracting to and over 10,000: The hobby store normally sells 10,576 trading cards per month. In July, the hobby store sold a total of 20,777 trading cards. How many more trading cards did the hobby store sell in July compared with a normal month?15. Subtracting 3 Numbers: Charlene had a pack of 35 pencil crayons. She gave 6 to her friend Theresa. She gave 3 to her friend Mandy. How many pencil crayons does Charlene have left?16. Subtracting 3 Numbers to and over 100: Ashley bought a big bag of candy to share with her friends. In total, there were 296 candies. She gave 105 candies to Marissa. She also gave 86 candies to Kayla. How many candies were left?Multiplication word problemsBest for: 2nd grade, 3rd grade17. Multiplying 1-Digit Integers: Adrianna needs to cut a pan of brownies into pieces. She cuts 6 even columns and 3 even rows into the pan. How many brownies does she have?18. Multiplying 2-Digit Integers: A movie theatre has 25 rows of seats with 20 seats in each row. How many seats are there in total?19. Multiplying Integers Ending with 0: A clothing company has 4 different kinds of sweatshirts. Each year, the company makes 60,000 of each kind of sweatshirt. How many sweatshirts does the company make each year?20. Multiplying 3 Integers: A bricklayer stacks bricks in 2 rows, with 10 bricks in each row. On top of each row, there is a stack of 6 bricks. How many bricks are there in total?21. Multiplying 4 Integers: Cayley earns $5 an hour by delivering newspapers. She delivers newspapers 3 days each week, for 4 hours at a time. After delivering newspapers for 8 weeks, how much money will Cayley earn?Best for: 3rd grade, 4th grade, 5th grade22. Dividing 1-Digit Integers: If you have 4 pieces of candy split evenly into 2 bags, how many pieces of candy are in each bag?23. Dividing 2-Digit Integers: If you have 80 tickets for the fair and each ride costs 5 tickets, how many rides can you go on? 24. Dividing Numbers Ending with 0: The school has $20,000 to buy new computer equipment. If each piece of equipment costs $50, how many pieces can the school buy in total?25. Dividing 3 Integers: Melissa buys 2 packs of tennis balls for $12 in total. All together, there are 6 tennis balls. How much does 1 pack of tennis balls cost? How much does 1 tennis ball cost?26. Interpreting Remainders: An Italian restaurant receives a shipment of 86 veal cutlets. If it takes 3 cutlets to make a dish, how many cutlets will the restaurant have left over after making as many dishes as possible?Mixed operations word problemsBest for: 3rd grade, 4th grade, 5th grade27. Mixing Addition and Subtraction: There are 235 books in a library. On Monday, 123 books are taken out. On Tuesday, 56 books are brought back. How many books are there now?28. Mixing Multiplication and Division: There is a group of 10 people who are ordering pizza. If each person gets 2 slices and each pizza has 4 slices, how many pizzas should they order?29. Mixing Multiplication, Addition and Subtraction: Lana has 2 bags with 2 marbles in each bag. Markus has 2 bags with 3 marbles in each bag. How many more marbles does Markus have?30. Mixing Division, Addition and Subtraction: Lana has 3 bags with the same amount of marbles in them, totaling 12 marbles. Markus has 3 bags with the same amount of marbles in them, totaling 18 marbles. How many more marbles does Markus have in each bag?Best for:2nd grade, 3rd grade31. Counting to Preview Multiplication: There are 2 chalkboards in your classroom. If each chalkboard needs 2 pieces of chalk, how many pieces do you need in total?32. Counting to Preview Division: There are 3 chalkboards in your classroom. Each chalkboard has 2 pieces of chalk. This means there are 6 pieces of chalk in total. If you take 1 piece of chalk away from each chalkboard, how many will there be in total?33. Composing Numbers: What number is 6 tens and 10 ones?34. Guessing Numbers: I have a 7 in the tens place. I have an even number in the ones place. I am lower than 74. What number am I?35. Finding the Order: In the hockey game, Mitchell scored more points than William but fewer points than Auston. Who scored the most points? Who scored the fewest points?Fractions word problemsBest for: 3rd grade, 4th grade, 5th grade, 6th grade36. Finding Fractions of a Group: Julia went to 10 houses on her street for Halloween. 5 of the houses gave her a chocolate bar. What fraction of houses on Julia's street gave her a chocolate bar?37. Finding Unit Fractions: Heather is painting a portrait of her best friend, Lisa. To make it easier, she divides the portrait into 6 equal parts. What fraction represents each part of the portrait?38. Adding Fractions with Like Denominators: Noah walks ⅓ of a kilometre to school each day. He also walks ⅓ of a kilometre to get home after school. How many kilometres does he walk in total?39. Subtracting Fractions with Like Denominators: Last week, Whitney counted the number of juice boxes she had for school lunches. She had ⅗ of a case. This week, it's down to ⅕ of a case. How much of the case did Whitney drink?40. Adding Whole Numbers and Fractions with Like Denominators: At lunchtime, an ice cream parlor served 6 ¼ scoops of chocolate ice cream, 5 ¾ scoops of vanilla and 2 ¾ scoops of strawberry. How many scoops of ice cream did the parlor serve in total?41. Subtracting Whole Numbers and Fractions with Like Denominators: For a party, Jaime had 5 ⅓ bottles of cola for her friends to drink. She drank ⅓ of a bottle herself. Her friends drank 3 ⅓. How many bottles of cola does Jaime have left?42. Adding Fractions with Unlike Denominators: Kevin completed ½ of an assignment at school. When he was home that evening, he completed ⅚ of another assignment. How many assignments did Kevin complete?43. Subtracting Fractions with Unlike Denominators: Packing school lunches for her kids, Patty used ⅞ of a package of ham. She also used ½ of a package of turkey. How much more ham than turkey did Patty use?44. Multiplying Fractions: During gym class on Wednesday, the students ran for ¼ of a kilometre. On Thursday, they ran ½ as many kilometres as on Wednesday. How many kilometres did the students run on Thursday? Write your answer as a fraction.45. Dividing Fractions: A clothing manufacturer uses ⅕ of a bottle of colour dye to make one pair of pants. The manufacturer used ⅘ of a bottle yesterday. How many pairs of pants did the manufacturer make?46. Multiplying Fractions with Whole Numbers: Mark drank ⅝ of a carton of milk this week. Frank drank 7 times more milk than Mark. How many cartons of milk did Frank drink? Write your answer as a fraction, or as a whole or mixed number.Best for: 4th grade, 5th grade47. Adding Decimals: You have 2.6 grams of yogurt in your bowl and you add another spoonful of 1.3 grams. How much yogurt do you have in total?48. Subtracting Decimals: Gemma had 25.75 grams of frosting to make a cake. She decided to use only 15.5 grams of the frosting. How much frosting does Gemma have left?49. Multiplying Decimals with Whole Numbers: Marshall walks a total of 0.9 kilometres to and from school each day. After 4 days, how many kilometres will he have walked?50. Dividing Decimals by Whole Numbers: To make the Leaning Tower of Pisa from spaghetti, Mrs. Robinson bought 2.5 kilograms of spaghetti. Her students were able to make 10 leaning towers in total. How many kilograms of spaghetti does it take to make 1 leaning tower?51. Mixing Addition and Subtraction of Decimals: Rocco has 1.5 litres of orange soda and 2.25 litres of grape soda in his fridge. Antonio has 1.15 litres of orange soda and 0.62 litres of grape soda. How much more soda does Rocco have than Angelo?52. Mixing Multiplication and Division of Decimals: 4 days a week, Laura practices martial arts for 1.5 hours. Considering a week is 7 days, what is her average practice time per day each week?Comparing and sequencing word problemsBest for: Kindergarten, 1st grade, 2nd grade53. Comparing 1-Digit Integers: You have 3 apples and your friend has 5 apples. Who has more?54. Comparing 2-Digit Integers: You have 50 candies and your friend has 75 candies. Who has more?55. Comparing Different Variables: There are 5 basketballs on the playground. There are 7 footballs on the playground. Are there more basketballs or footballs?56. Sequencing 1-Digit Integers: Erik has 0 stickers. Every day he gets 1 more sticker. How many days until he gets 3 stickers?57. Skip-Counting by Odd Numbers: Natalie began at 5. She skip-counted by fives. Could she have said the number 20?58. Skip-Counting by Even Numbers: Natasha began at 0. She skip-counted by eights. Could she have said the number 36?59. Sequencing 2-Digit Numbers: Each month, Jeremy adds the same number of cards to his baseball card collection. In January, he had 36. 48 in February. 60 in March. How many baseball cards will Jeremy have in April?Best for: 1st grade, 2nd grade66. Converting Hours into Minutes: Jeremy helped his mom for 1 hour. For how many minutes was he helping her?69. Adding Time: If you wake up at 7:00 a.m. and it takes you 1 hour and 30 minutes to get ready and walk to school, at what time will you get to school?70. Subtracting Time: If a train departs at 2:00 p.m. and arrives at 4:00 p.m., how long were passengers on the train for?71. Finding Start and End Times: Rebecca left her dad's store to go home at twenty to seven in the evening. Forty minutes later, she was home. What time was it when she arrived home?Best for: 1st grade, 2nd grade, 3rd grade, 4th grade, 5th grade60. Adding Money: Thomas and Matthew are saving up money to buy a video game together. Thomas has saved $30. Matthew has saved $35. How much money have they saved up together in total?61. Subtracting Money: Thomas has $80 saved up. He uses his money to buy a video game. The video game costs $67. How much money does he have left?62. Multiplying Money: Tim gets $5 for delivering the paper. How much money will he have after delivering the paper 3 times?63. Dividing Money: Robert spent $184.59 to buy 3 hockey sticks. If each hockey stick was the same price, how much did 1 cost? 64. Adding Money with Decimals: You went to the store and bought gum for $1.25 and a sucker for $0.50. How much was your total?65. Subtracting Money with Decimals: You went to the store with $5.50. You bought gum for $1.25, a chocolate bar for $1.15 and a sucker for $0.50. How much money do you have left?67. Applying Proportional Relationships to Money: Jakob wants to invite 20 friends to his birthday, which will cost his parents $250. If he decides to invite 15 friends instead, how much money will it cost his parents? Assume the relationship is directly proportional.68. Applying Percentages to Money: Retta put $100.00 in a bank account that gains 20% interest annually. How much interest will be accumulated in 1 year? And if she makes no withdrawals, how much money will be in the account after 1 year?Physical measurement word problemsBest for: 1st grade, 2nd grade, 3rd grade, 4th grade72. Comparing Measurements: Cassandra's ruler is 22 centimetres long. April's ruler is 30 centimetres long. How many centimetres longer is April's ruler?73. Contextualizing Measurements: Picture a school bus. Which unit of measurement would best describe the length of the bus? Centimetres, metres or kilometres?74. Adding Measurements: Micha's dad wants to try to save money on gas, so he has been tracking how much he uses. Last year, Micha's dad used 100 litres of gas. This year, her dad used 90 litres of gas. How much gas did he use in total for the two years?75. Subtracting Measurements: Micha's dad wants to try to save money on gas, so he has been tracking how much he uses. Over the past two years, Micha's dad used 200 litres of gas. This year, he used 100 litres of gas. How much gas did he use last year?76. Multiplying Volume and Mass: Kiera wants to make sure she has strong bones, so she drinks 2 litres of milk every week. After 3 weeks, how many litres of milk will Kiera drink?77. Dividing Volume and Mass: Lillian is doing some gardening, so she bought 1 kilogram of soil. She wants to spread the soil evenly between her 2 plants. How much will each plant get?78. Converting Mass: Inger goes to the grocery store and buys 3 squashes that each weigh 500 grams. How many kilograms of squash did Inger buy?79. Converting Volume: Shad has a lemonade stand and sold 20 cups of lemonade. Each cup was 500 millilitres. How many litres did Shad sell in total?80. Converting Length: Stacy and Milda are comparing their heights. Stacy is 1.5 meters tall. Milda is 10 centimetres taller than Stacy. What is Milda's height in centimetres?81. Understanding Distance and Direction: A bus leaves the school to take students on a field trip. The bus travels 10 kilometres south, 10 kilometres west, another 5 kilometres south and 15 kilometres north. To return to the school, in which direction does the bus have to travel? How many kilometres must it travel in that direction?Ratios and percentages word problemsBest for: 4th grade, 5th grade, 6th grade82. Finding a Missing Number: The ratio of Jenny's trophies to Meredith's trophies is 7:4. Jenny has 28 trophies. How many does Meredith have?83. Finding Missing Numbers: The ratio of Jenny's trophies to Meredith's trophies is 7:4. The difference between the numbers is 12. What are the numbers?84. Comparing Ratios: The school's junior band has 10 saxophone players and 20 trumpet players. The school's senior band has 18 saxophone players and 29 trumpet players. Which band has the higher ratio of trumpet to saxophone players?85. Determining Percentages: Mary surveyed students in her school to find out what their favourite sports were. Out of 1,200 students, 455 said hockey was their favourite sport. What percentage of students said hockey was their favourite sport?86. Determining Percent of Change:A decade ago, Oakville's population was 67,624 people. Now, it is 190% larger. What is Oakville's current population?87. Determining Percents of Numbers: At the ice skate rental stand, 60% of 120 skates are for boys. If the rest of the skates are for girls, how many are there?88. Calculating Averages: For 4 weeks, William volunteered as a helper for swimming classes. The first week, he volunteered for 8 hours. He volunteered for 12 hours in the second week, and another 12 hours in the third week. The fourth week, he volunteered for 9 hours. For how many hours did he volunteer per week, on average?Probability and data relationships word problemsBest for: 4th grade, 5th grade, 6th grade, 7th grade89. Understanding the Premise of Probability: John wants to know his class's favourite TV show, so he surveys all of the boys. Will the sample be representative or biased?90. Understanding Tangible Probability: The faces on a fair number die are labelled 1, 2, 3, 4, 5 and 6. You roll the die 12 times. How many times should you expect to roll a 1?91. Exploring Complementary Events: The numbers 1 to 50 are in a hat. If the probability of drawing an even number is 25/50, what is the probability of NOT drawing an even number? Express this probability as a fraction.92. Exploring Experimental Probability: A pizza shop has recently sold 15 pizzas. 5 of those pizzas were pepperoni. Answering with a fraction, what is the experimental probability that he next pizza will be pepperoni?93. Introducing Data Relationships: Maurita and Felice each take 4 tests. Here are the results of Maurita's 4 tests: 4, 4, 4, 4. Here are the results for 3 of Felice's 4 tests: 3, 3, 3. If Maurita's mean for the 4 tests is 1 point higher than Felice's, what's the score of Felice's 4th test?94. Introducing Proportional Relationships: Store A is selling 7 pounds of bananas for $7.00. Store B is selling 3 pounds of bananas for $6.00. Which store has the better deal?95. Writing Equations for Proportional Relationships: Lionel loves soccer, but has trouble motivating himself to practice. So, he incentivizes himself through video games. There is a proportional relationship between the amount of drills Lionel completes, in x, and for how many hours he plays video games, in y. When Lionel completes 10 drills, he plays video games for 30 minutes. Write the equation for the relationship between x and y.Best for: 4th grade, 5th grade, 6th grade, 7th grade, 8th grade96. Introducing Perimeter: The theatre has 4 chairs in a row. There are 5 rows. Using rows as your unit of measurement, what is the perimeter?97. Introducing Area: The theatre has 4 chairs in a row. There are 5 rows. How many chairs are there in total?98. Introducing Volume: Aaron wants to know how much candy his container can hold. The container is 20 centimetres tall, 10 centimetres long and 10 centimetres wide. What is the container's volume?99. Understanding 2D Shapes: Kevin draws a shape with 4 equal sides. What shape did he draw?100. Finding the Perimeter of 2D Shapes: Mitchell wrote his homework questions on a piece of square paper. Each side of the paper is 8 centimetres. What is the perimeter?101. Determining the Area of 2D Shapes: A single trading card is 9 centimetres long by 6 centimetres wide. What is its area?102. Understanding 3D Shapes: Martha draws a shape that has 6 square faces. What shape did she draw?103. Determining the Surface Area of 3D Shapes: What is the surface area of a cube that has a width of 2cm, height of 2 cm and length of 2 cm?104. Determining the Volume of 3D Shapes: Aaron's candy container is 20 centimetres tall, 10 centimetres long and 10 centimetres wide. Bruce's container is 25 centimetres tall, 9 centimetres long and 9 centimetres wide. Find the volume of each container. Based on volume, whose container can hold more candy?105. Identifying Right-Angled Triangles: A triangle has the following side lengths: 3 cm, 4 cm and 5 cm. Is this triangle a right-angled triangle?106. Identifying Equilateral Triangles: A triangle has the following side lengths: 4 cm, 4 cm and 4 cm. What kind of triangle is it?107. Identifying Isosceles Triangles: A triangle has the following side lengths: 4 cm, 5 cm and 5 cm. What kind of triangle is it?108. Identifying Scalene Triangles: A triangle has the following side lengths: 4 cm, 5 cm and 6 cm. What kind of triangle is it?109. Finding the Perimeter of Triangles: Luigi built a tent in the shape of an equilateral triangle. The perimeter is 21 metres. What is the length of each of the tent's sides?110. Determining the Area of Triangles: What is the area of a triangle with a base of 2 units and a height of 3 units?111. Applying Pythagorean Theorem: A right triangle has one non-hypotenuse side length of 3 inches and the hypotenuse measures 5 inches. What is the length of the other non-hypotenuse side?112. Finding a Circle's Diameter: Jasmin bought a new round backpack. Its area is 370 square centimetres. What is the round backpack's diameter?113. Finding a Circle's Area: Captain America's circular shield has a diameter of 76.2 centimetres. What is the area of his shield?114. Finding a Circle's Radius: Skylar lives on a farm, where his dad keeps a circular corn maze. The corn maze has a diameter of 2 kilometres. What is the maze's radius?Variables word problemsBest for: 6th grade, 7th grade, 8th grade115. Identifying Independent and Dependent Variables: Victoria is baking muffins for her class. The number of muffins she makes is based on how many classmates she has. For this equation, m is the number of muffins and c is the number of classmates. Which variable is independent and which variable is dependent?116. Writing Variable Expressions for Addition: Last soccer season, Trish scored g goals. Alexa scored 4 more goals than Trish. Write an expression that shows how many goals Alexa scored.117. Writing Variable Expressions for Subtraction: Elizabeth eats a healthy, balanced breakfast b times a week. Madison sometimes skips breakfast. In total, Madison eats 3 fewer breakfasts a week than Elizabeth. Write an expression that shows how many times a week Madison eats breakfast.118. Writing Variable Expressions for Multiplication: Last hockey season, Jack scored g goals. Patrik scored twice as many goals than Jack. Write an expression that shows how many goals Patrik scored.119. Writing Variable Expressions for Division: Amanda has c chocolate bars. She wants to distribute the chocolate bars evenly among 3 friends. Write an expression that shows how many chocolate bars 1 of her friends will receive.120. Solving Two-Variable Equations: This equation shows how the amount Lucas earns from his after-school job depends on how many hours he works:e = 12h. The variable h represents how many hours he works. The variable e represents how much money he earns. How much money will Lucas earn after working for 6 hours?How to easily make your own math word problems & word problems worksheetsArmed with 120 examples to spark ideas, making your own math word problems can engage your students and ensure alignment with lessons. Do:Link to Student Interests: By framing your word problems with student interests, you'll likely grab attention. For example, if most of your class loves American football, a measurement problem could involve the throwing distance of a famous quarterback.Make Questions Topical: Writing a word problem that reflects current events or issues can engage students by giving them a clear, tangible way to apply their knowledge.Include Student Names: Naming a question's characters after your students is an easy way make subject matter relatable, helping them work through the problem.Be Explicit: Repeating keywords distills the question, helping students focus on the core problem.Don't:Test Reading Comprehension: Flowery word choice and long sentences can hide a question's key elements. Instead, use concise phrasing and grade-level vocabulary.Focus on Similar Interests: Framing too many questions with related interests -- such as football and basketball -- can alienate or disengage some students.Feature Red Herrings: Including unnecessary information introduces another problem-solving element, overwhelming many elementary students.A key to differentiated instruction, word problems that students can relate to and contextualize will capture interest more than generic and abstract ones.Final thoughts about math word problemsYou'll likely get the most out of this resource by using the problems as templates, slightly modifying them by applying the above tips. In doing so, they'll be more relevant to -- and engaging for -- your students.Regardless, having 120 curriculum-aligned math word problems at your fingertips should help you deliver skill-building challenges and thought-provoking assessments. The result?A greater understanding of how your students process content and demonstrate understanding, informing your ongoing teaching approach.