

Numeracy 123 Problems-5



Name _____
Date started _____



1 Addition by making tens	2 Addition by making tens	3 Addition by making tens	4 Addition using doubles	5 Addition using doubles	6 Addition using doubles
7 Subtraction using tidy numbers	8 Subtraction using tidy numbers	9 Subtraction using tidy numbers	10 Subtraction using tidy numbers	11 Subtraction using tidy numbers	12 Subtraction using tidy numbers
13 Fractions of sets	14 Fractions of sets	15 Fractions of sets	16 Fractions of sets	17 Fractions of sets	18 Fractions of sets
19 Addition using place value	20 Addition using place value	21 Addition using place value	22 Addition using place value	23 Subtraction using place value	24 Subtraction using place value
25 Subtraction using place value	26 Subtraction using place value	27 Addition using tidy numbers	28 Addition using tidy numbers	29 Addition using tidy numbers	30 Addition using tidy numbers
31 Addition using tidy numbers	32 Addition using tidy numbers	33 Addition using tidy numbers	34 Don't subtract, add	35 Don't subtract, add	36 Don't subtract, add
37 Don't subtract, add	38 Don't subtract, add	39 Don't subtract, add	40 Don't subtract, add	41 Don't subtract, add	42 Multiplication
43 Multiplication	44 Multiplication	45 Multiplication	46 Multiplication	47 Multiplication	48 Multiplication
49 Multiplication	50 Division	51 Division	52 Division	53 Division	54 Division
55 Division	56 Division	57 Division	58 Improper fractions	59 Improper fractions	60 Improper fractions



I am learning to: add using tidy numbers or doubles * add or subtract using place value or rounding and compensating * subtract using equal additions or 'Don't subtract - add' * multiply using rounding and compensating, doubling and halving or my knowledge of zero numbers * divide using reversing * solve fraction problems.

Numeracy 123

Problems 6-Multiplication using rounding and compensating

Show how you worked out each answer in the space underneath.

1	The school had 69 boxes of chocolates to sell. Each box had 5 bars in it. How many bars of chocolate did the school have to sell?
2	99 children each brought 4 cupcakes for the scouts cake stall. How many cupcakes did the cake stall have?
3	The school library had 69 books on each shelf and there were 3 shelves. How many books were there in the library?
4	The gardener planted cabbages in rows of 78. There were 4 rows. How many cabbages were there in the garden?
5	68 children at school each paid \$8 for a stationery pack. What was the total amount of money they paid?
6	The surf rescue club sold 799 raffle tickets at \$3 each. How much money did they collect altogether?
7	899 joggers each paid \$2 to enter a fun run. How much did the fun run raise?
8	The school had 79 boxes of chocolates to sell. Each box had 8 bars in it. How many bars of chocolate did the school have to sell?
9	298 children each brought 4 cupcakes for the scouts cake stall. How many cupcakes did the cake stall have?
10	The school library had 78 books on each shelf and there were 9 shelves. How many books were there in the library?

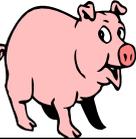
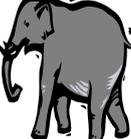


I am learning to add and subtract up to 20 with materials.
I can use my fingers, a number strip, a tens frame, counters...

Numeracy 123

Problems 2-1

Read each story problem and show how you worked out the answer in the box beside it.

1 	I had 5 cats and then I got 2 more. How many cats did I have altogether?	
2 	5 pigs were in the mud. 2 ran away. How many pigs were left?	
3 	There were 4 big dinosaurs and 3 small dinosaurs. How many were there altogether?	
4 	6 spiders were on the web. 2 ran away. How many spiders were left?	
5 	2 boys were playing ball. 4 more boys came to play. How many boys were there?	
6 	8 trees grew in the garden. 5 fell over. How many trees were left?	
7 	6 snails sat on the leaf then 1 of them slid away. How many snails were left on the leaf?	
8 	There were 4 elephants in the mud. 1 went away. How many elephants were left?	
9 	There was 1 dog in the pet shop. 3 more came in. How many dogs were there altogether?	
10 	5 green cars and 4 red cars were in a race. How many cars were there altogether?	



I am learning to add and subtract up to 20 by imaging.
That means I can add and subtract in my head.

Numeracy 123

Problems 3-10

Read each story problem and show how you worked out the answer in the box beside it.

1  26	13 birds sat in the nest. 4 more arrived. How many birds were there altogether?	
2  40	The farmer had 16 cows. He sold 5. How many cows did he have left?	
3  11	There were 7 chocolates in the box. I ate 5. How many did I have left?	
4  35	15 children were flying kites in the park. 4 of them had to go home. How many children were left?	
5  2	There were 3 children on the bus. 6 more got on. How many children were there on the bus	
6  13	Mum made 6 hamburgers. The children ate 2. How many were left?	
7  5	Allie is 2 years old and Max is 5. How much older is Max?	
8  29	I had 14 fish in my bowl but I wanted to have 18 altogether. How many more fish did I need to buy?	
9  8	Sam had 1 toy car and 4 toy trucks. How many toys did he have altogether?	
10  37	18 snakes lived in the zoo. 5 slid away. How many were left?	



I am learning to: add and subtract up to 100 by counting on or back from the largest number * add and subtract tens and ones * multiply by skip counting in 2's, 5's and 10's * find fractions of sets.

Numeracy 123

Problems 4-21

Show how you worked out each answer in the space underneath.

1 48		Jerry had 35 jelly beans in a bag. After his friends had eaten some he had 24 left. How many had his friends eaten?
2 19		I had 50 cents in my piggy bank and I found another 20 cents. How much did I have altogether?
3 42		There were 38 strawberries in the box. 15 boys ate one each. How many strawberries were left in the box?
4 50		In the garden we have 9 lemon trees with 2 lemons on each tree. How many lemons do we have altogether?
5 25		There were 60 books in the library. 40 had been taken out. How many books were left in the library?
6 55		Mum bought 6 packs of buns. Each pack had 10 buns in it. How many buns did Mum buy altogether?
7 46		Charlie took a box containing 38 snails to school. After lunch the box only contained 24. How many snails had crawled away?
8 57		Paint brushes come in packs of 10. We need 90 brushes for our art project. How many packs do we need to buy?
9 37		Jamie has 74 cans of drink but has 98 friends coming to her party. So everybody can have one each, how many more cans are needed?
10 47		Charlotte picked 58 flowers from the meadow. After giving some to her friends she had 36 left. How many did she give away?



I am learning to: add using rounding * add and subtract using place value * subtract by using 'Don't subtract - add' * multiply and divide using knowledge of 2, 3, 4, 5 and 10x tables * find fractions of a set using my tables knowledge.

Numeracy 123

Problems 5-31

Show how you worked out each answer in the space underneath.

1 24		We had \$58 to buy Grandma chocolates and flowers for her birthday. We spent \$34 on the chocolates. How much was left for the flowers?
2 58		Last term I had 5 half days off school. How much time did I have off in total?
3 36		At school we spun a coin 73 times. 28 times it landed on heads. How many times did it land on tails?
4 56		14 large Easter eggs were put into boxes of 3. How many boxes did this fill and how many were left over?
5 46		The lady packed 8 boxes and each contained 7 biscuits, a total of 56 biscuits. How many biscuits would she need for 9 boxes?
6 60		At the school disco we cut cakes into $\frac{1}{5}$'s. When the night was over we had $\frac{10}{5}$ left. How many cakes would this make?
7 37		91 bees were in a hive. 68 went off to find some flowers. How many bees were left in the hive?
8 49		Lollipops came in packets of 4. I needed 36 lollipops for my party. How many packets did I need to buy?
9 31		The barber cut 69 people's hair one week and 54 the next week. What was the total number of haircuts he did in the fortnight?
10 52		50 chocolate bars were shared equally among 10 classes to celebrate the principal's birthday. How many bars did each class receive?



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Numeracy 123

Problems 6-5

Show how you worked out each answer in the space underneath.

1 45 	The school library had 29 books on each shelf and there were 5 shelves. How many books were there in the library?
2 1 	Simon had \$415 in his bank account. His brother Peter had \$361. How much money did the boys have altogether?
3 17 	346 cups of coffee were served in the café in one day. How many of these cups were white if 78 were black?
4 51 	At the bakery there were 27 biscuits to be put into packs of 3. How many packs did this make?
5 7 	There were 39 penguins on one iceberg and 39 on another. How many penguins were there altogether?
6 23 	A box arrived at the tennis club containing 149 new balls. In total now we have 223 balls. How many did we have before the box came?
7 41 	The book shop had 253 magazines on its shelf, of which 28 were sold. How many magazines were there left on the shelf?
8 6 	The aviary at the zoo held 836 birds. The zoo keeper left the door open. How many birds flew away for there to be 623 left?
9 25 	I got \$45 for my birthday and \$29 for Christmas. What was the total amount of money I had been given?
10 13 	There were 92 cars in the stock car race. How many cars didn't finish the race if 67 cars did?



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Numeracy 123

Problems 7-29

Show how you worked out each answer in the space underneath.

1 52		In a storm, a ship had 90 bags of coal onboard. The crew threw 30% overboard to stop the ship sinking. How many bags were left?
2 34		A boy took 9.9 seconds to run up his garden and 6.4 seconds to run back. What was the total time for both runs?
3 58		A car travels 295 kilometres in 5 hours. Travelling at the same speed, how many hours will it take the car to travel 1 121 kilometres?
4 40		A jug held 1.68 litres of milk. We used 0.5 litres to make some scones. How much milk was left in the jug?
5 22		The farmer planted four rows of cabbages with sixty nine cabbages in each row. What was the total number of cabbages planted?
6 44		Tomi can climb a tree in 14.5 seconds. How much quicker is his brother Michael who can climb it in 9.9 seconds?
7 54		I bought a car from Japan, it cost me \$5 000. I then had to pay 20% import duty. What was the total cost of the car?
8 59		Jessie got paid \$98.93 for 13 hours work. At the same hourly rate, how much would she get paid for 4 hours work?
9 36		On one side of my garden I have 7.63 metres of fence and on the other side I have 9.99 metres. What is the total amount of fence?
10 47		Sam had $\frac{7}{2}$ of cake in his freezer and Joe had $\frac{17}{5}$ of cake in his freezer. Who had the most and by how much?