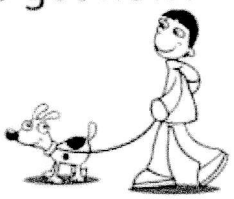
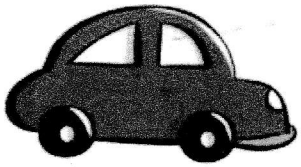
 Name .....

Problems

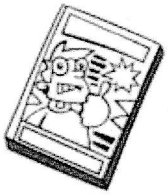
1. Miko saved £2·65, and was given 20p for walking the dog. How much has he got now?



2. Toy cars were £1·95 each. They are now 30p off. How much do they cost now?

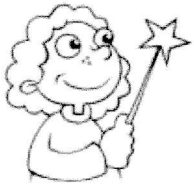


3. When Tara has saved another 30p, she can buy an annual which costs £3·85. How much has she got now?

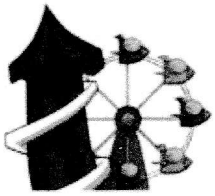


4. A DVD costs £4·65 to rent, with 50p off for members. How much does a member pay?

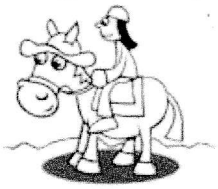
5. Kira sent for a magic set. It cost £6·50 and 40p for postage. How much altogether?



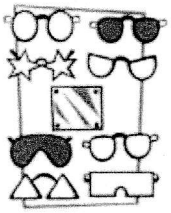
6. Last year tickets to the funfair cost £3·10. This year they are 30p more. How much are they?



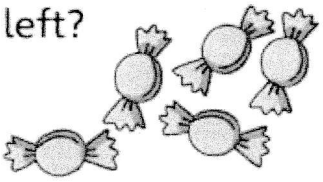
7. Pony rides this year are £5·40. Last year they were £5·15. How much has the price gone up?



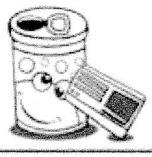
8. Sunglasses have been reduced by 10p from £5·80. How much are they?



9. Manraj has £5·70 of his holiday money left. He buys some sweets for 30p. How much does he have left?



10. Hamish spent £5·15 on a train ticket to Glasgow, and bought a 50p drink. How much did the journey cost altogether?



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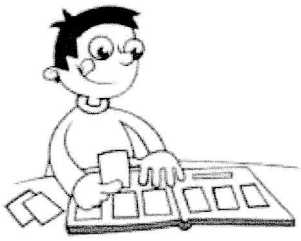
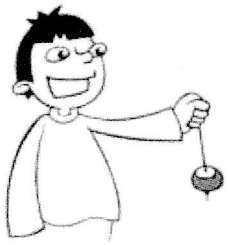
 Name .....

Problems

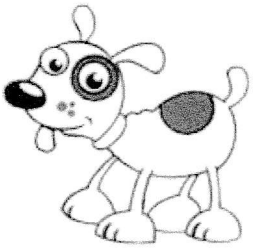
1. Karl had 138 stickers, then his brother gave him 30 more. How many does he have now?



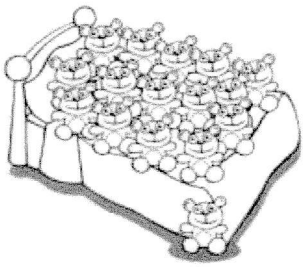
2. Tai had 214 conkers, and won another 15. How many has he now?



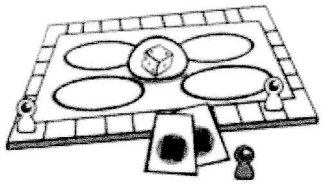
3. Seven days ago, Poppy the puppy was 212 days old. How many days old is she now?



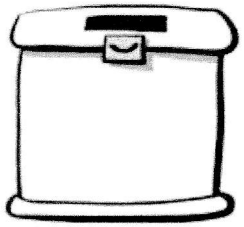
4. Meg has 104 teddies. She got 12 more for her birthday. How many does she have now?



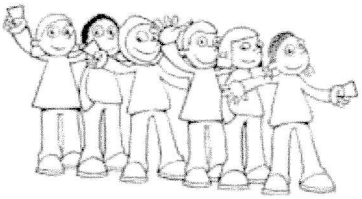
5. Kevin has 304 points. He needs 21 more points to win. What is the winning score?



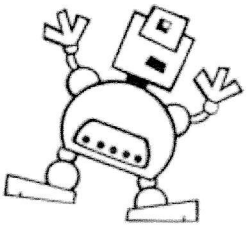
6. Kemba had £5·43 last week. This week she has £5·96. How much has she saved in the last week?



7. There were 121 people in the queue for the concert, then 26 more people arrived. How many people are in the queue?



8. Nik was given £2 for Christmas to add to his 24p savings. How much more does he need to buy a robot for £2·99?



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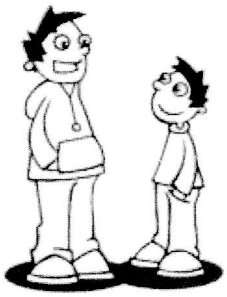
 Name .....

Problems

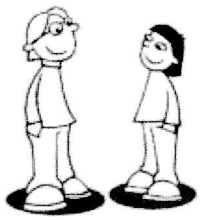
1. Aman is 15 years old and Rani is 9 years old. What is the age difference?



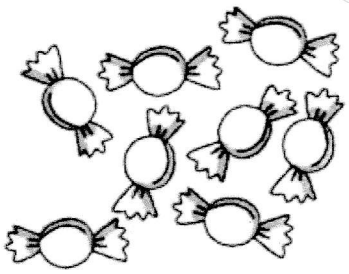
2. In the athletics team there are 24 girls and 16 boys. What is the difference between the number of girls and boys?

3. A football magazine costs 28p at one shop and 35p at another. What is the price difference?

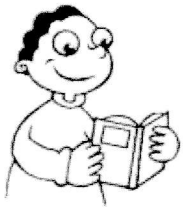
4. The difference in height between Lucy and Kim is 6cm. Lucy is taller; she is 127cm tall. How tall is Kim?



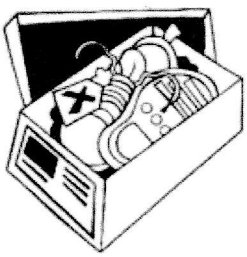
5. Cho has six more sweets than Rob. She has 25. How many sweets does Rob have?



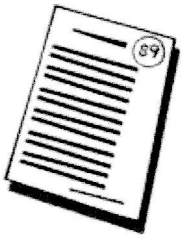
6. Matt has read 47 pages. Tim has read 69. What is the difference in the number of pages?



7. The trainers cost £99, but Anna bought them in the sale for £85. How much did she save?



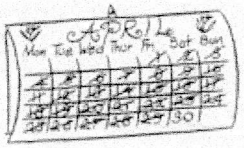
8. Mary got 89 on her spelling test. Sam got 76. What is the difference between their marks?



 Name .....

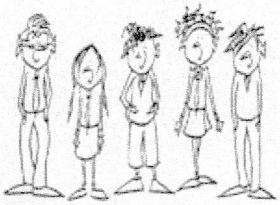
Problems

1. So far this year, 17 weeks have passed. How many more weeks are left?

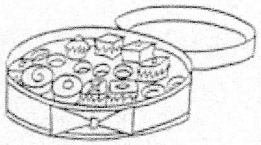


2. Gareth is 23 years younger than his mother, who is 41. How old is Gareth?

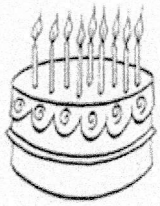
3. In a class of 32 children, 15 are girls. How many are boys?



4. Jane had a box of 52 chocolates. Yesterday she ate 13. How many does she have left?

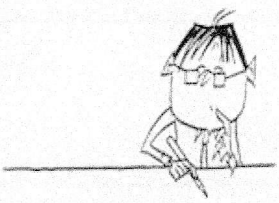


5. There are 32 days until my birthday. In 2 weeks time, how many more days will I have to wait?

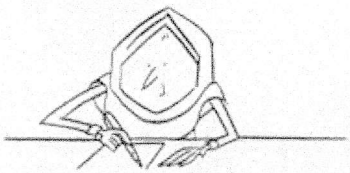


6. A blackbird is 5 weeks old and a robin is 62 days old. Which bird is the oldest and by how many days?

7. Two numbers have a total of 56 and a difference of 18. What are the numbers?



8. If I double a number and then subtract 19, the answer is 29. What is the number?



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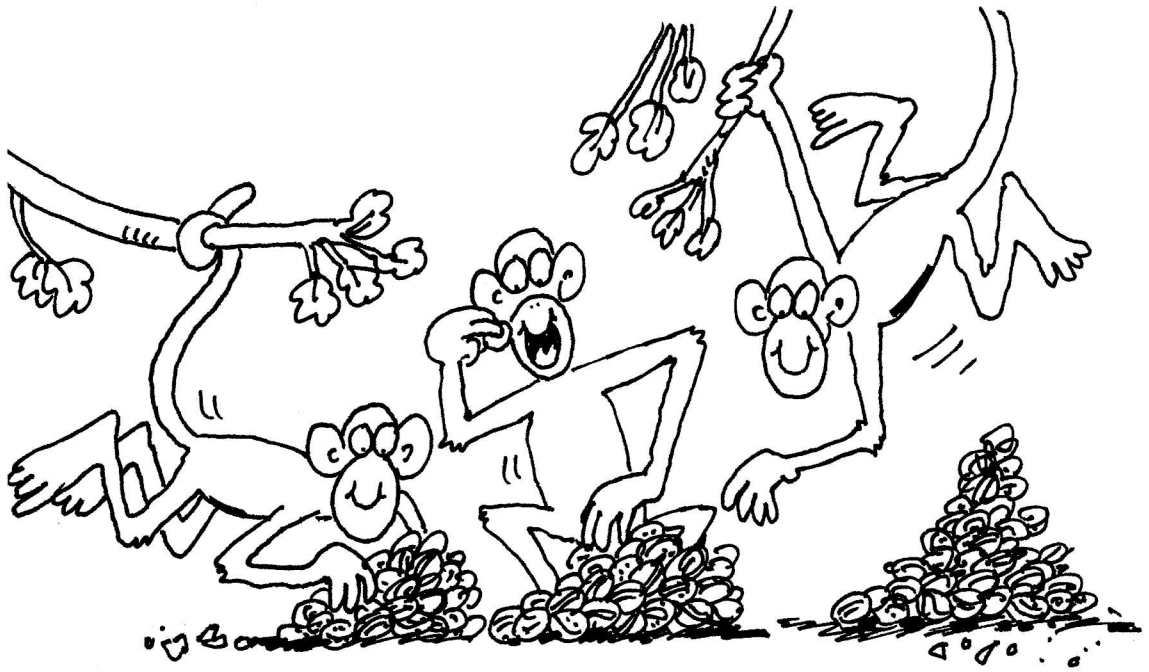
Three monkeys



Three monkeys ate a total of 25 nuts.
Each of them ate a different odd number of nuts.

How many nuts did each of the monkeys eat?
Find as many different ways to do it as you can.

Teaching objectives

Solve mathematical problems or puzzles.
Recognise odd and even numbers.
Add three or four small numbers mentally.

31

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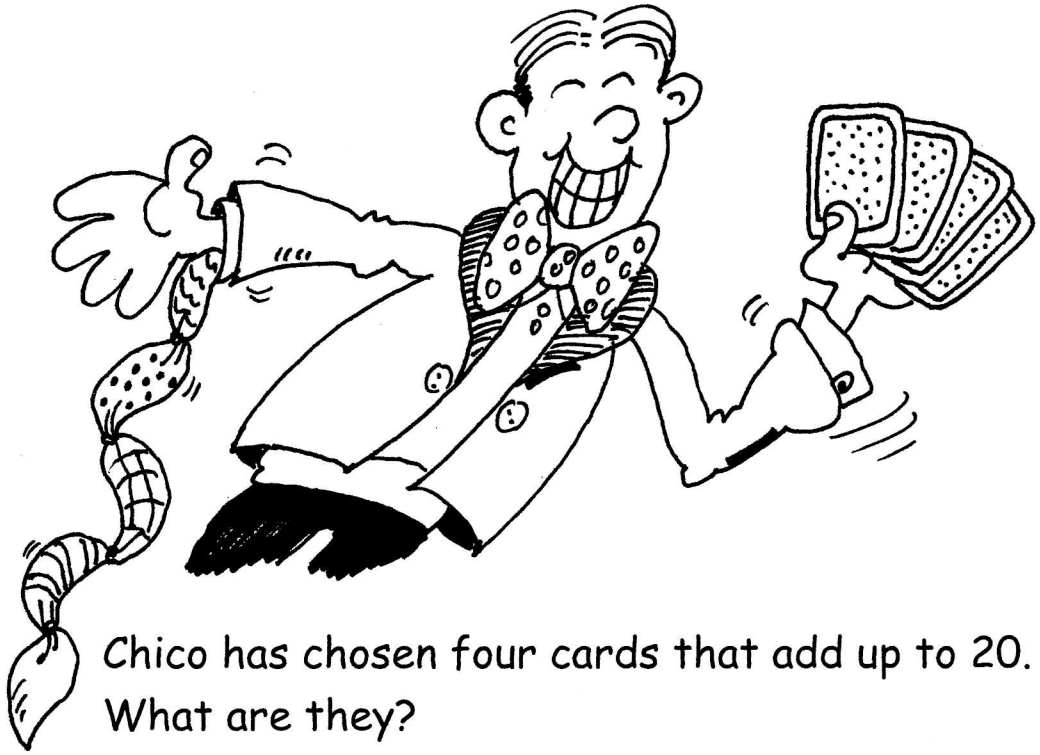
Card tricks

Chico's cards are all different.
There is a number from 1 to 8 on each card.



Chico has chosen four cards that add up to 20.
What are they?
There are seven different possibilities.
Try to find them all.

What if Chico has three cards that add up to 16?

32

Teaching objectives

Solve mathematical problems or puzzles.
Know addition and subtraction facts up to 20.
Add three or four small numbers mentally.

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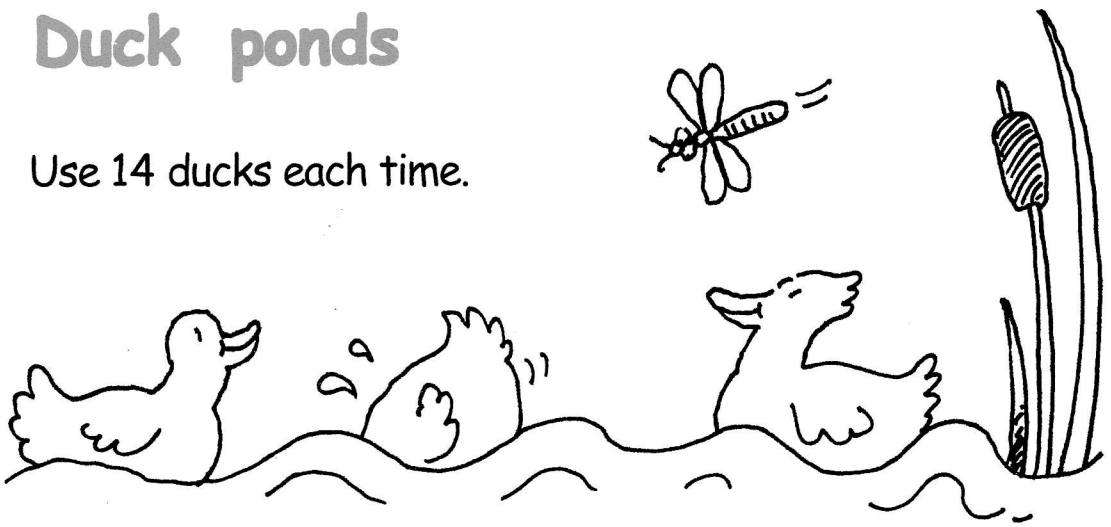
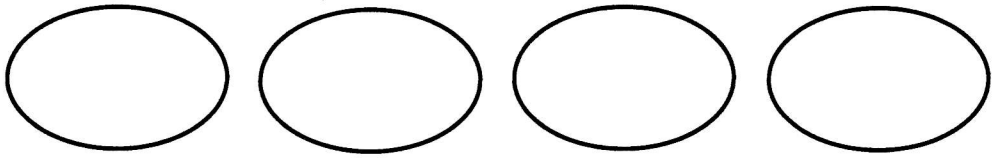
Duck ponds

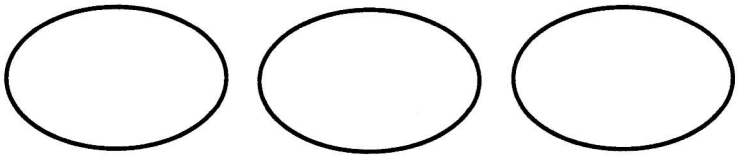
Use 14 ducks each time.



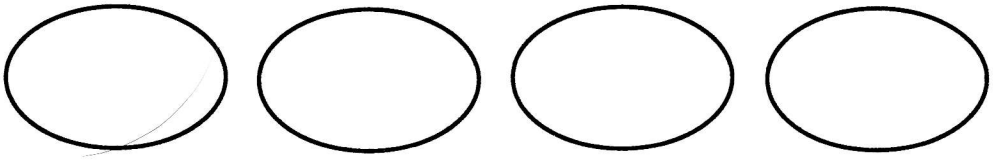
1. Make each pond hold two ducks or five ducks.



2. Make each pond hold twice as many ducks as the one before.



3. Make each pond hold one less duck than the one before.



Teaching objectives

Solve mathematical problems or puzzles.
Know multiplication facts for 2 and 5 times tables.
Add three or four small numbers.

35

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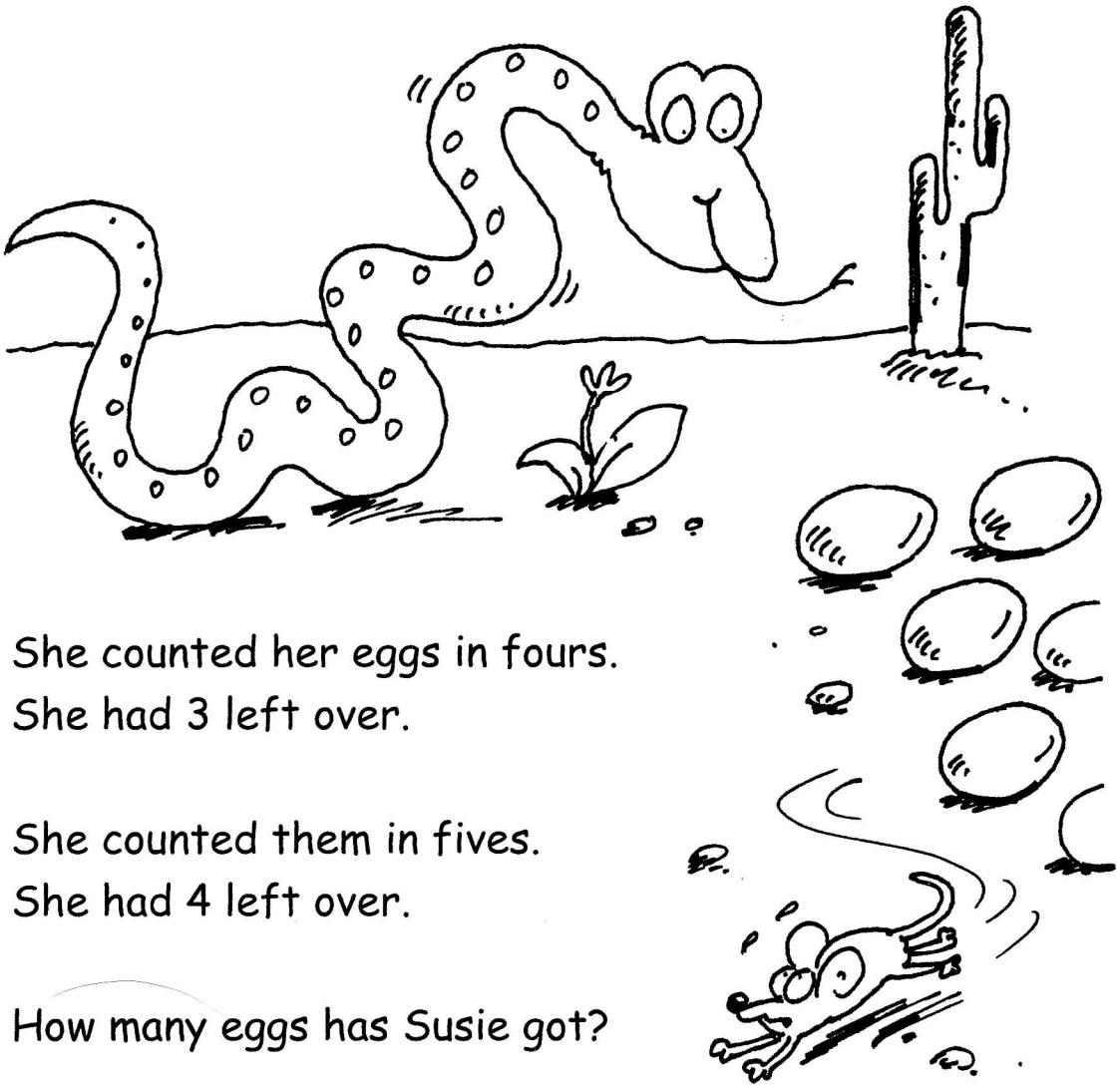
Susie the snake

Susie the snake has up to 20 eggs.



She counted her eggs in fours.
She had 3 left over.

She counted them in fives.
She had 4 left over.

How many eggs has Susie got?

30

Teaching objectives

Solve mathematical problems or puzzles.
Know multiplication facts for 4 and 5 times tables.
Find remainders after division.

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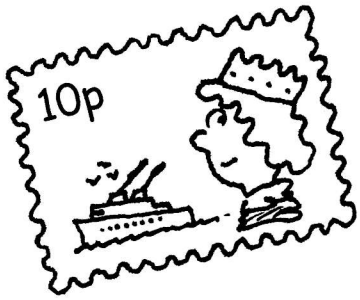
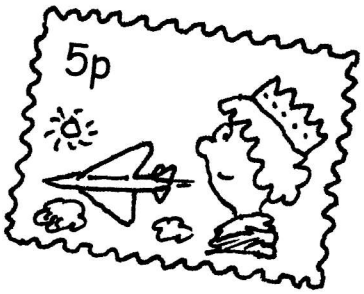
Stamps

Tilly's parcel cost 55p to post.

She stuck on eight stamps.
Each stamp was either 10p or 5p.





How many of each stamp did Tilly stick on her parcel?

Make up your own puzzle like this.
Ask a friend to do it.

Teaching objectives

Solve mathematical problems or puzzles.
Know multiplication facts for 5 and 10 times tables.

37

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Spaceship

Some Tripods and Bipods flew from planet Zeno.
There were at least two of each of them.

Tripods have 3 legs.
Bipods have 2 legs.
There were 23 legs altogether.

How many Tripods were there?
How many Bipods?

Find two different answers.

Teaching objectives

Solve mathematical problems or puzzles.
Count on in steps of 2 or 3.
Know multiplication facts for 2 and 3 times tables.

29

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