

2016 national curriculum tests

Key stage 1

Mathematics

Paper 2: reasoning

First name	
Middle name	
Last name	

2016 key stage 1 mathematics

Paper 2: reasoning

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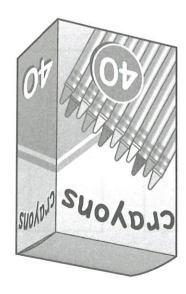
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Total marks



There are 40 crayons in a box.

Sam takes $\mathbf{T}\mathbf{\Sigma}$ crayons.

Kemi takes 10 crayons.

How many crayons are left?

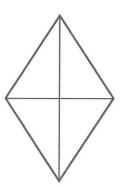
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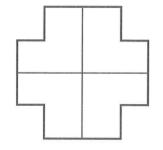
children

2 marks

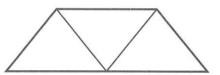




Shade $\frac{3}{4}$



Shade $\frac{1}{3}$



40

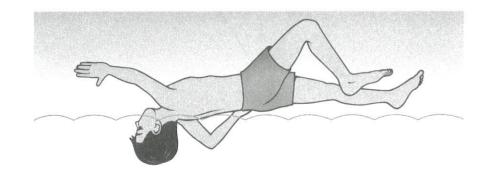
1 ma

5 20

0	
2 marks	

30

-
-



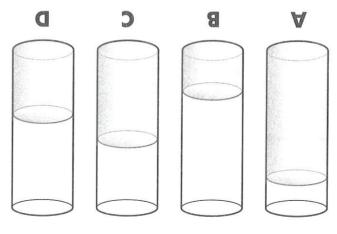
One length of a swimming pool is 10 metres.

Abdul swims the length of the pool 4 times.

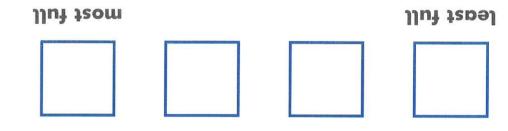
Abdul works out how many metres he swims altogether.

Circle the two calculations that Abdul can use.

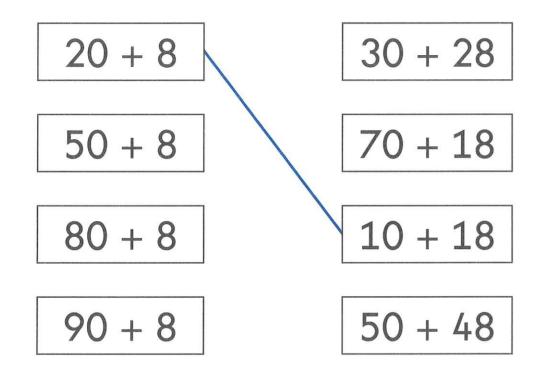
$$7 + 7 + 7 + 7$$

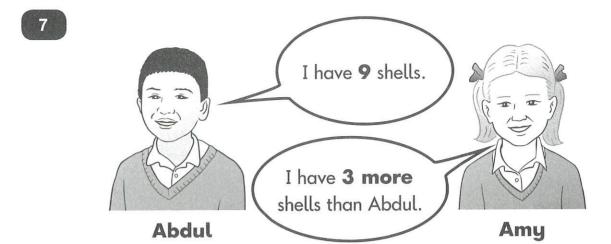


Sort the glasses from least full to most full.



One is done for you.



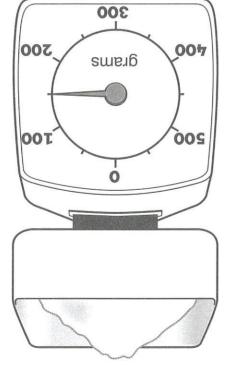


How many shells does Amy have?

shells

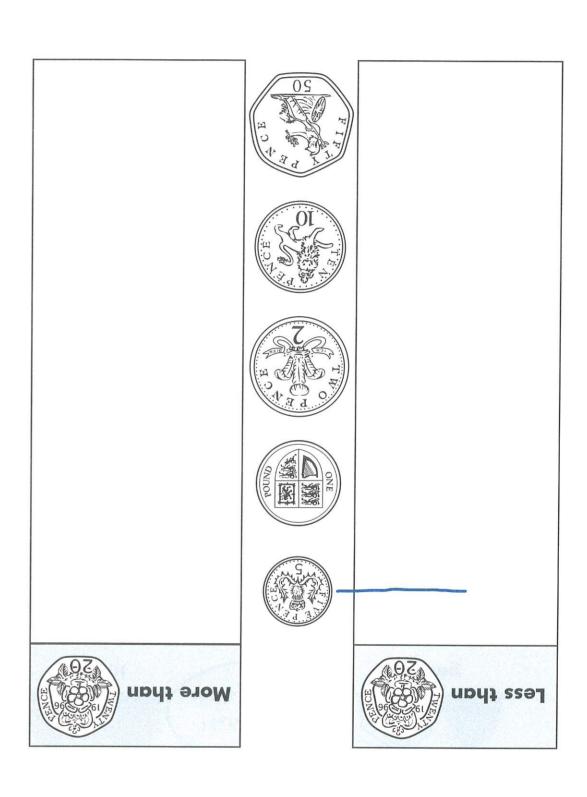


How much does the sugar weigh?



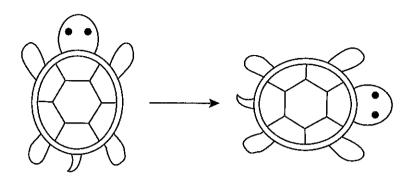
Match each coin to the correct box.

One has been done for you.



1 mark

This turtle is rotated **clockwise**.



How much is the turtle rotated?

Circle your answer.

quarter h

half turn three-quarter turn full turn

On these cards, the word should match the number.

One of these cards is wrong.

Draw a cross on the card that is wrong.

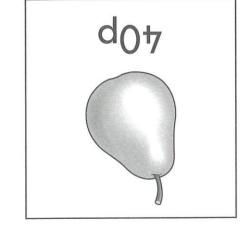
15 fifteen

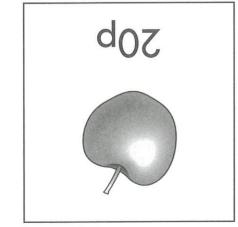
19 ninety

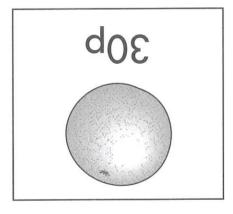
49 forty-nine

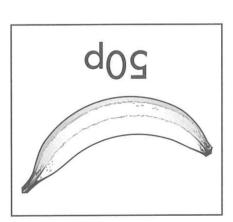
51 fifty-one







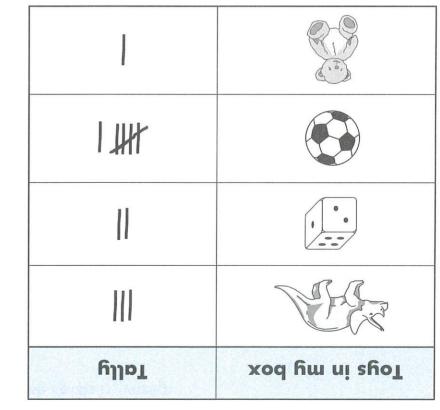




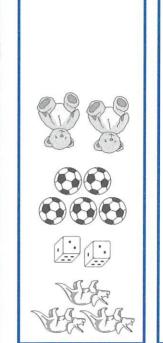
Kemi buys three different fruits.

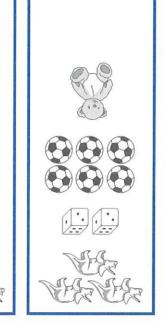
She spends exactly £1

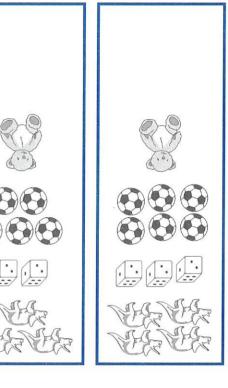
Tick the three fruits that she buys.



Tick one box below that shows all of Ben's toys.





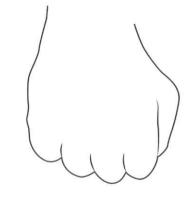


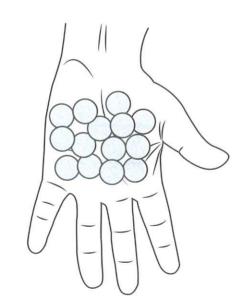


Draw lines to match the shapes to their names. There are **20** balloons. **7** balloons fly away. pentagon triangle How many balloons are left? balloons octagon Tick the **two** sentences that are correct. hexagon Tick **two**. A square has sides of equal length. A square has curved sides. A square has lines of symmetry. A square has five sides.

Amy has **21** counters altogether.

She has 14 counters in one hand.



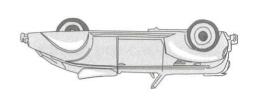


How many counters does she have in the other hand?

connters

Write two numbers to make this calculation correct.

Now write three numbers to make this calculation correct.



Abdul has some toy cars.

He gives half of them to Ben.

He has four toy cars left.

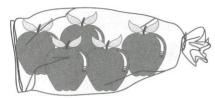
How many toy cars did Abdul start with?

toy cars

19

Miss Smith needs **30** apples for her class.

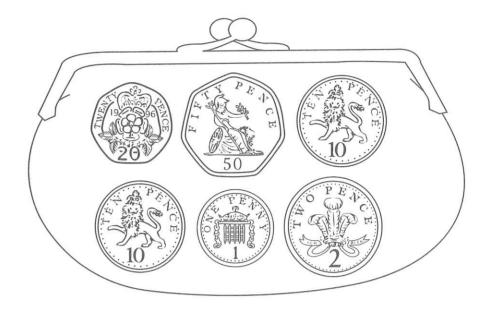
There are **5** apples in each bag.



How many **bags** of apples does Miss Smith need altogether?



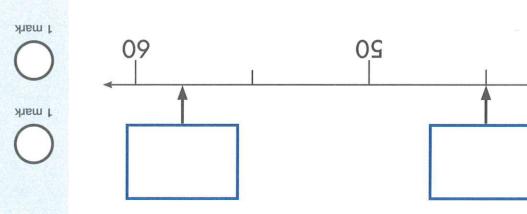
Sita has these coins in her purse.

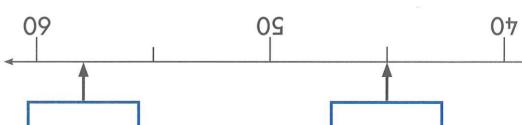


How much money does she have?



sJionaq Z





Kemi and Ben share these pencils equally.

20 pencils

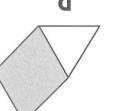
sJionad G

20 pencils

How many pencils do they each get?

10 pencils

20 pencils



Which shape has exactly 5 faces?

Write the letter.

slionaq