

# National Curriculum Practice Test Key Stage 1 Reasoning Paper 2

First name						
Middle name						
Last name						
Date of Birth	Day		Month		Year	
School name						

Total Marks	
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Read out - **twice** - the practice question and make sure that your pupils/child understand that the answer must be written in the answer box provided.

Practice question: **How many sheep are there in this flock of sheep?**

Once the practice question has been completed, tell your class/child that the test is starting and read out - **twice** - the first five questions to your class/child and allow time for the pupils/child to complete each question before reading out the next question.

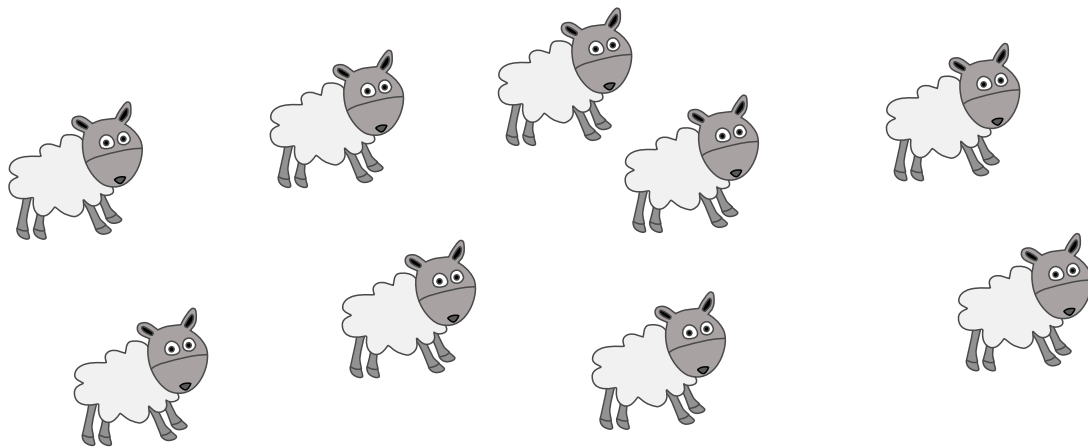
Here are the questions:

1. What number is 2 less than 7?
2. Which of these measures describes the length of the line?

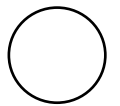
7 litres, 7 centimetres, 7 hours, 7 kilograms

3. How many tens are there in 34?
4. If I share these apples equally between two people, how many apples must I give to each person?
5. Eva is two years younger than Kate. If Kate is ten, how old is Eva?

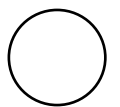
# Practice question



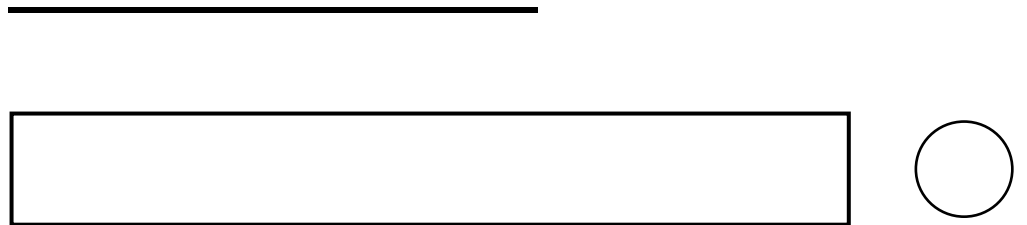
sheep



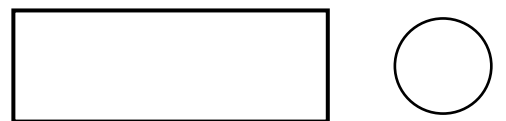
1.



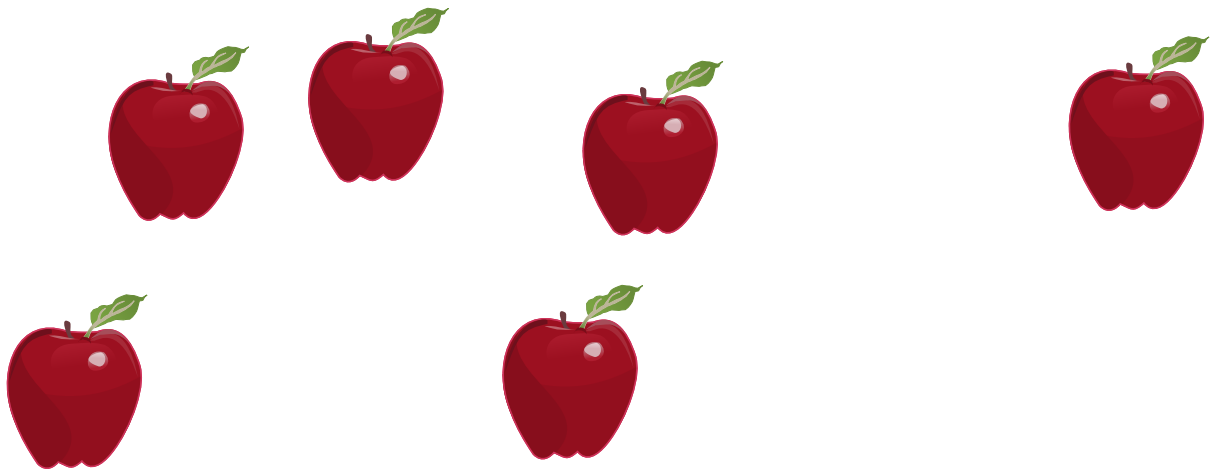
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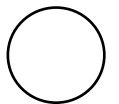
3.



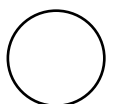
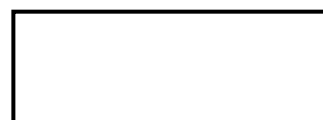
4.



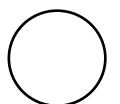
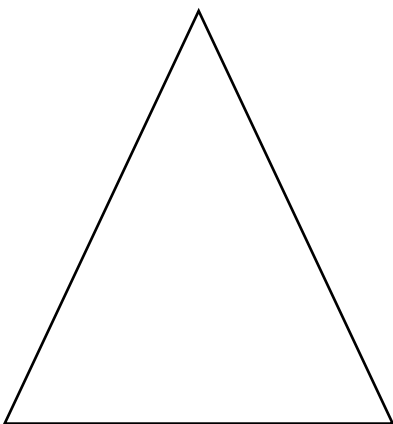
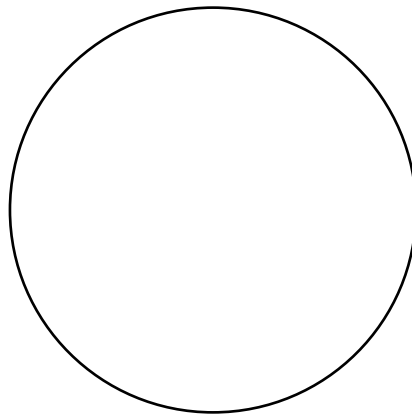
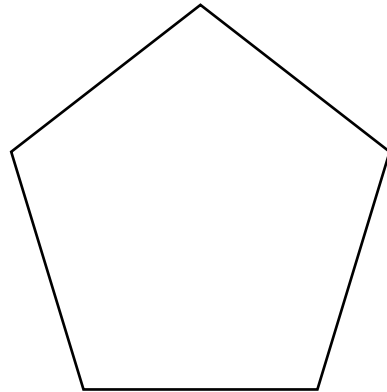
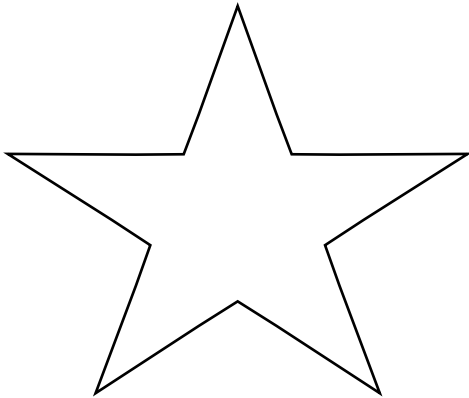
apples



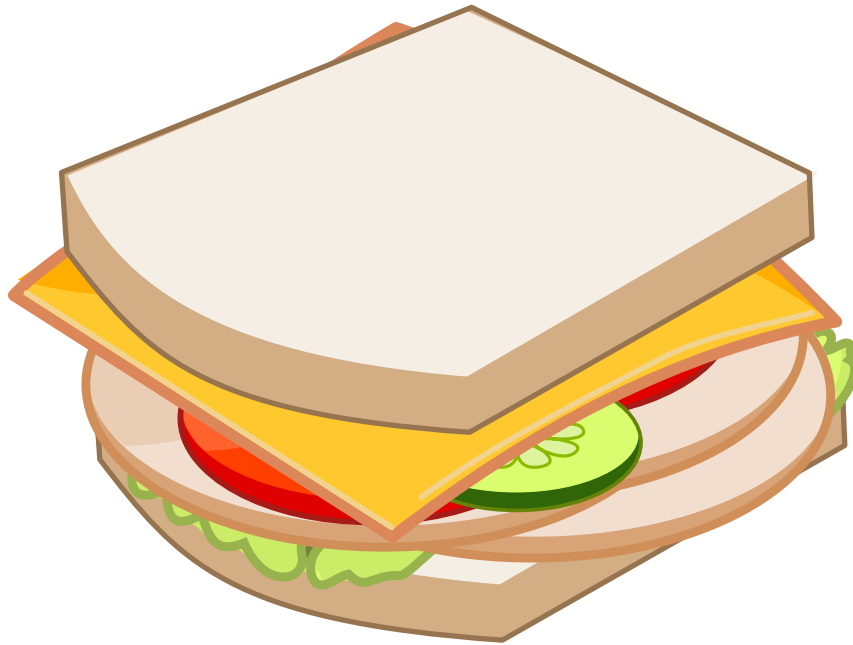
5.



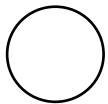
6. Put a tick against the shape called a **rectangle**



7. To make this sandwich, 2 slices of bread are needed.  
How many slices of bread would be needed to make 5 sandwiches in the same way?

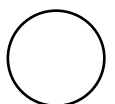


slices

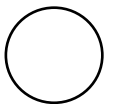
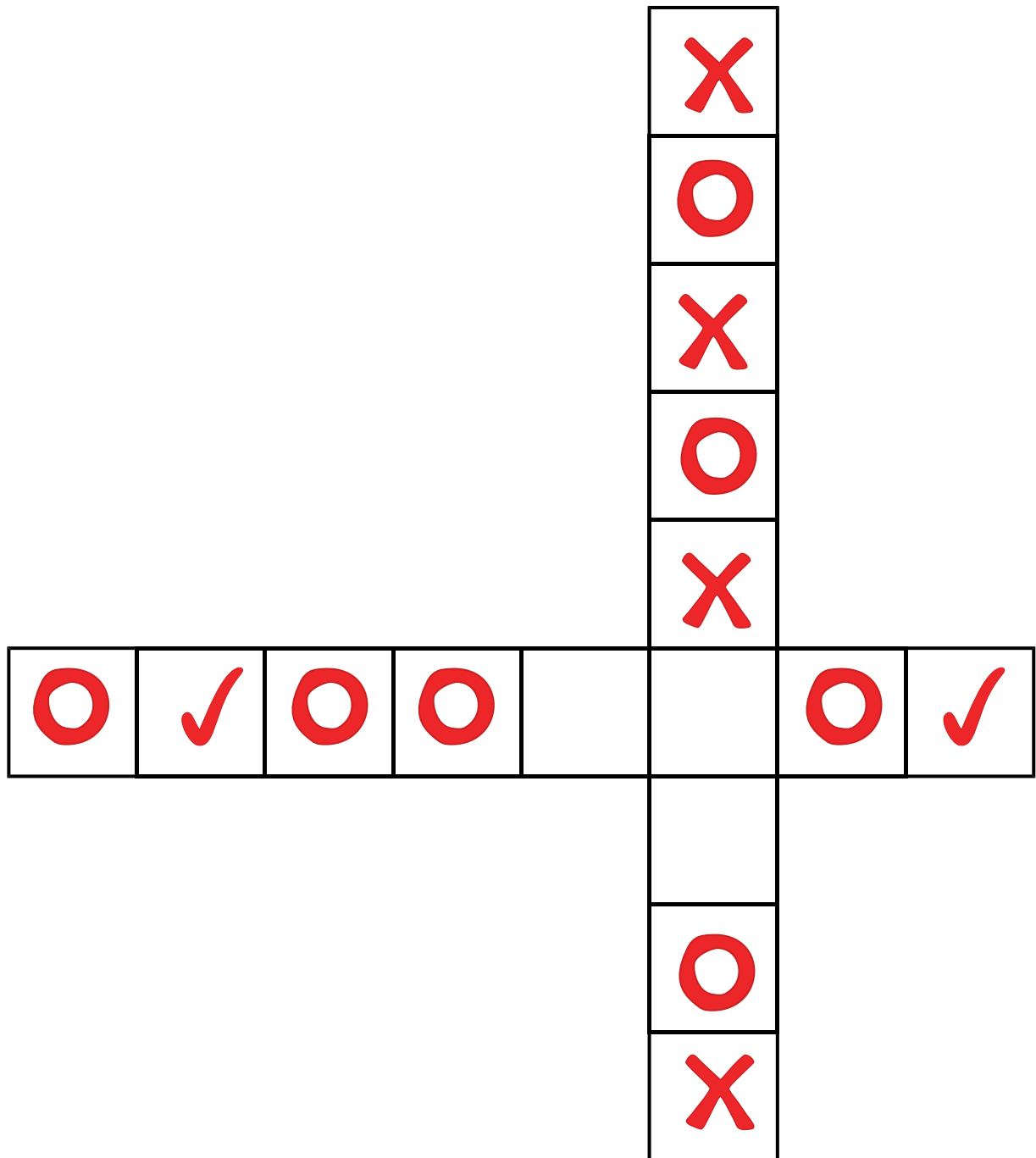


8. Complete the table.

Word	Digits
Ten	10
Fifty	
	60



9. Fill in the three missing shapes to complete this pattern.





10. Fill in the two missing numbers to complete this pattern.

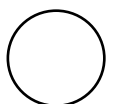
15

25

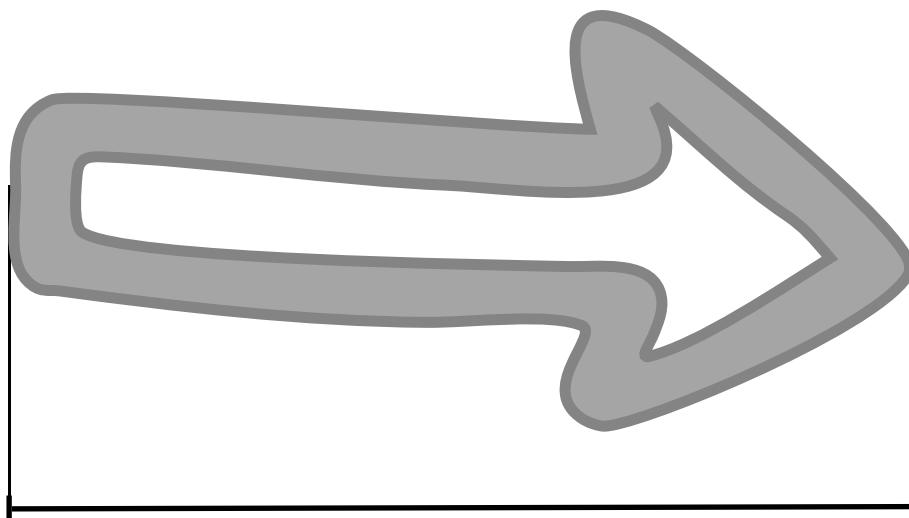
30

35

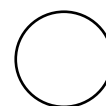
45



11. Use your ruler to find the length of this shape in cm



cm



12. Put a tick against the numbers that are even numbers.

33

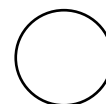
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25

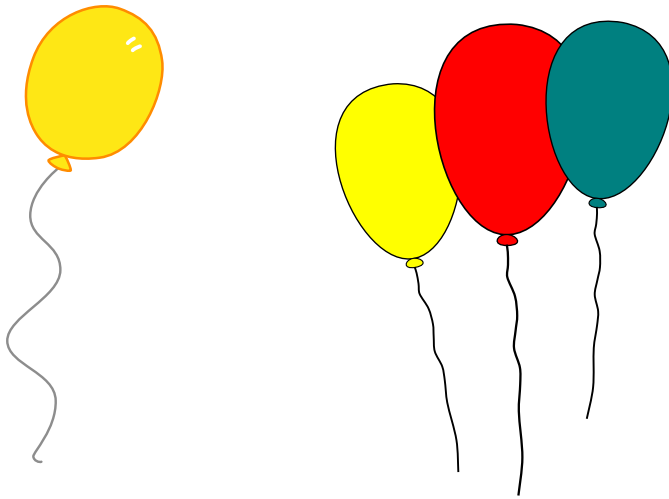
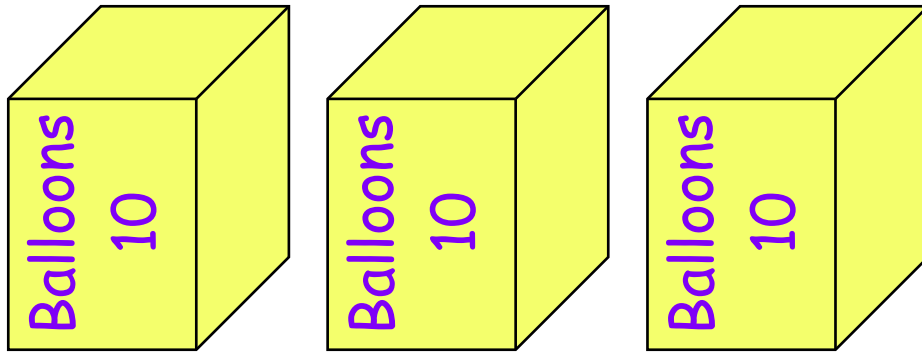
17

10

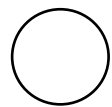
30



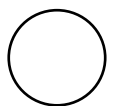
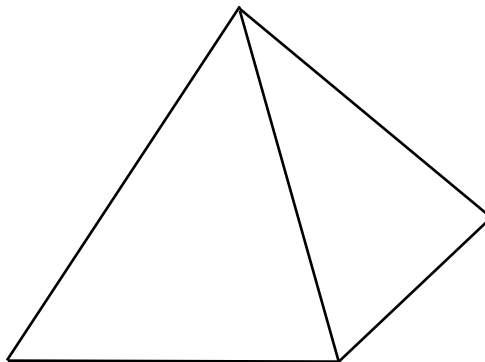
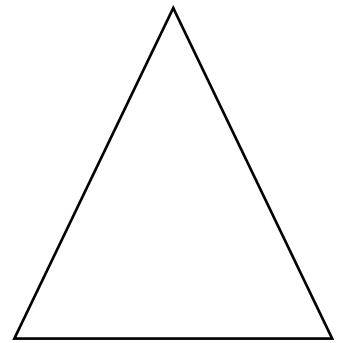
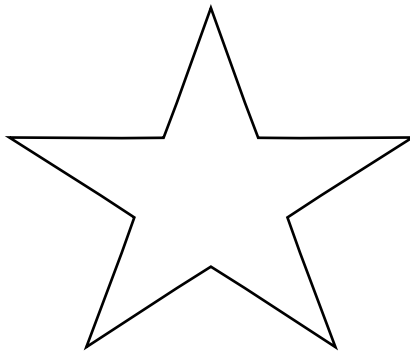
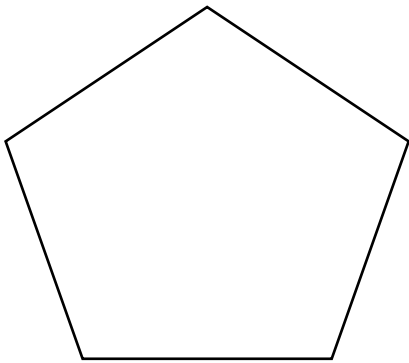
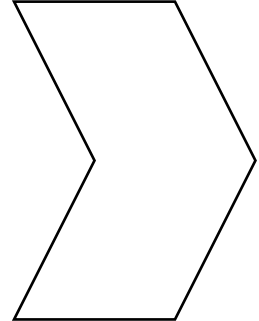
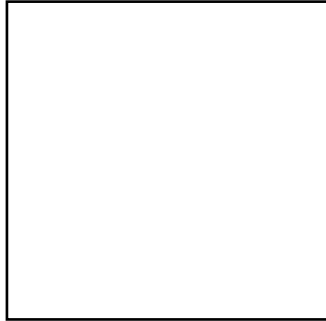
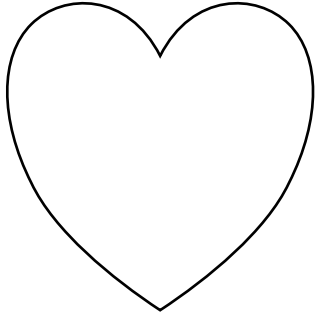
13. If each box contains 10 balloons, altogether with the 4 balloons already blown up what will be the total number of balloons?



balloons



14. Put a tick against the 2 shapes that could be a face of the pyramid at the bottom of this page,



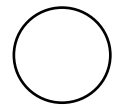
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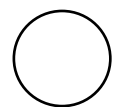
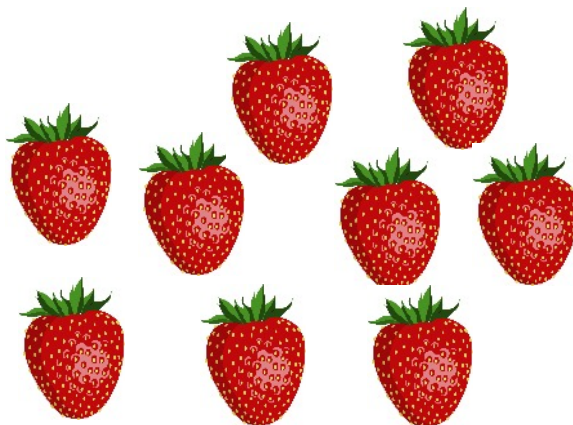
15. What is the total value of these three coins?



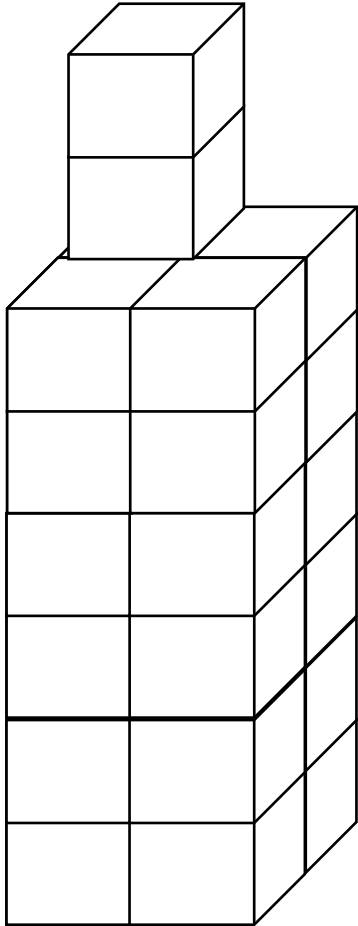
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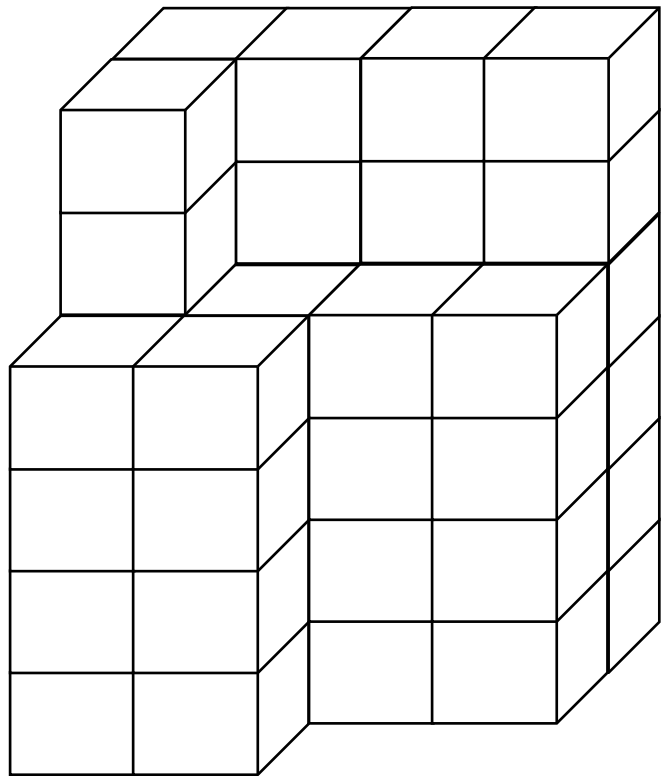
16. If these are half of the strawberries that a boy has picked, what is the total number of strawberries he picked?



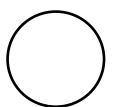
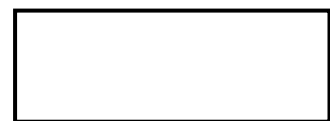
17. A boy has **100** building blocks. He makes the two shapes shown below. He uses **30** blocks to make one shape and **50** blocks for the other shape. How many blocks have not been used?



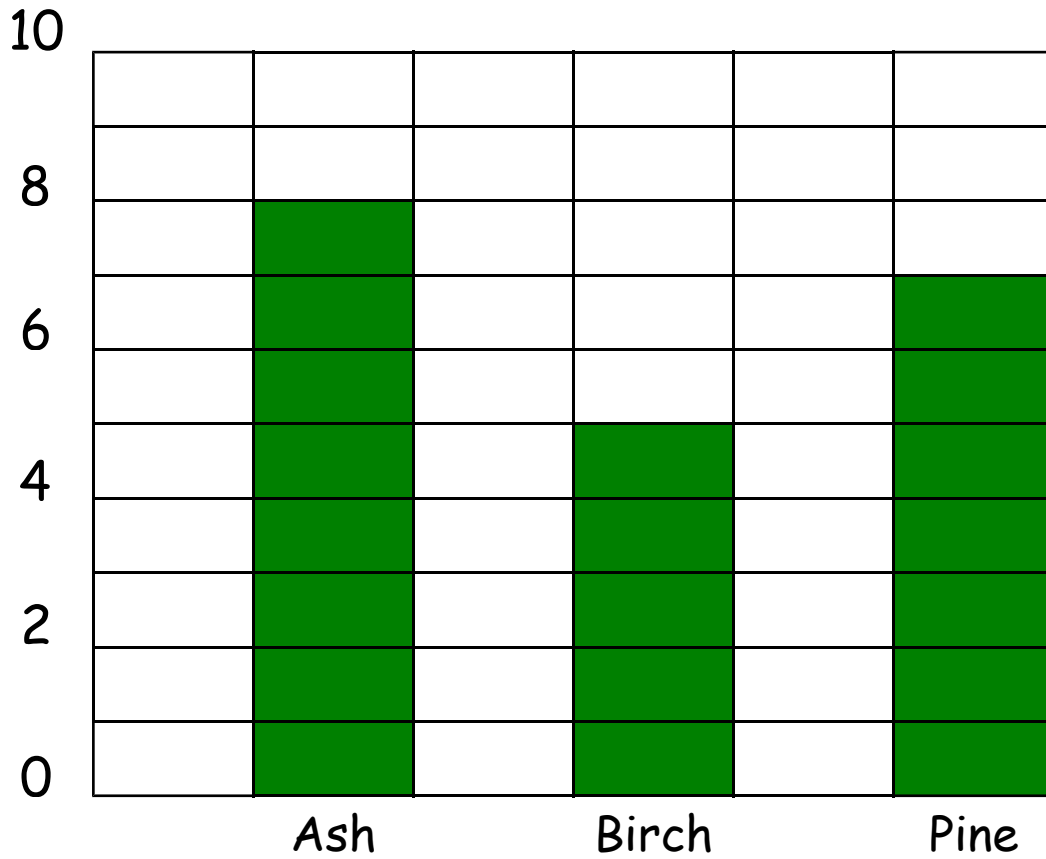
**30 blocks**



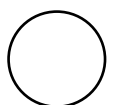
**50 blocks**



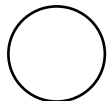
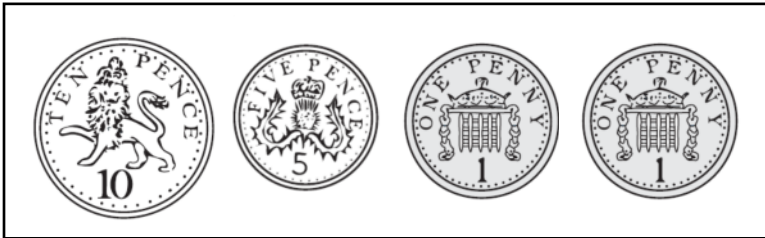
18. The graph shows the number ash, birch and pine trees in a small wood. Write the number of each type of tree in the table



Tree	Number
Ash	
Birch	
Pine	

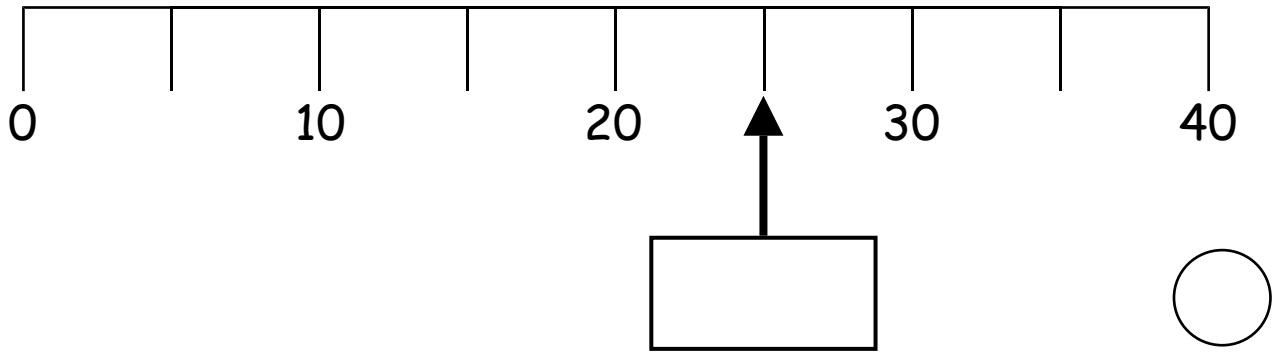


19. What is the total amount of money in each of the boxes?

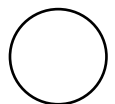
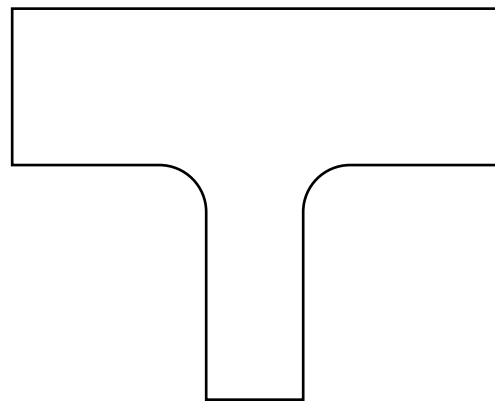
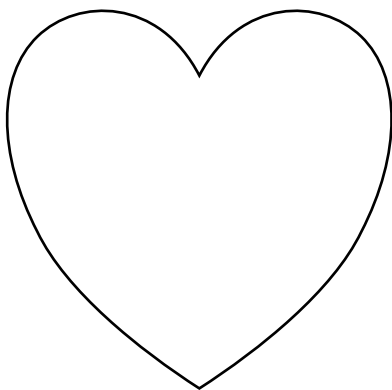




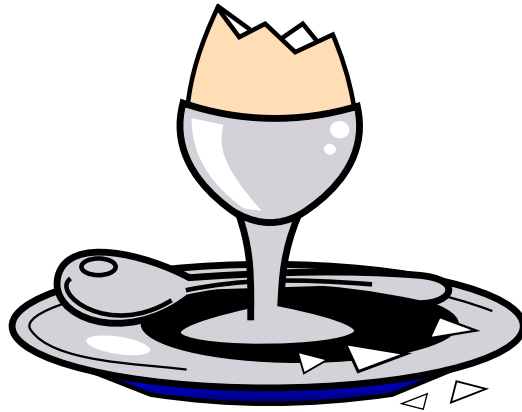
20. Write the number in the box that the arrow is pointing to on this number line.



21. Draw a line of symmetry on each of these shapes.



22. In the kitchen are two boxes of eggs and each box holds 6 eggs. If 2 of these eggs are used, how many eggs will be left?



Show your  
working

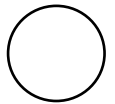
eggs

23. Here is a subtraction:

$$33 - 17 = \boxed{16}$$

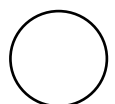
Write the numbers into the boxes of the addition sum that could be used to show that the subtraction is correct

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

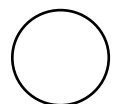
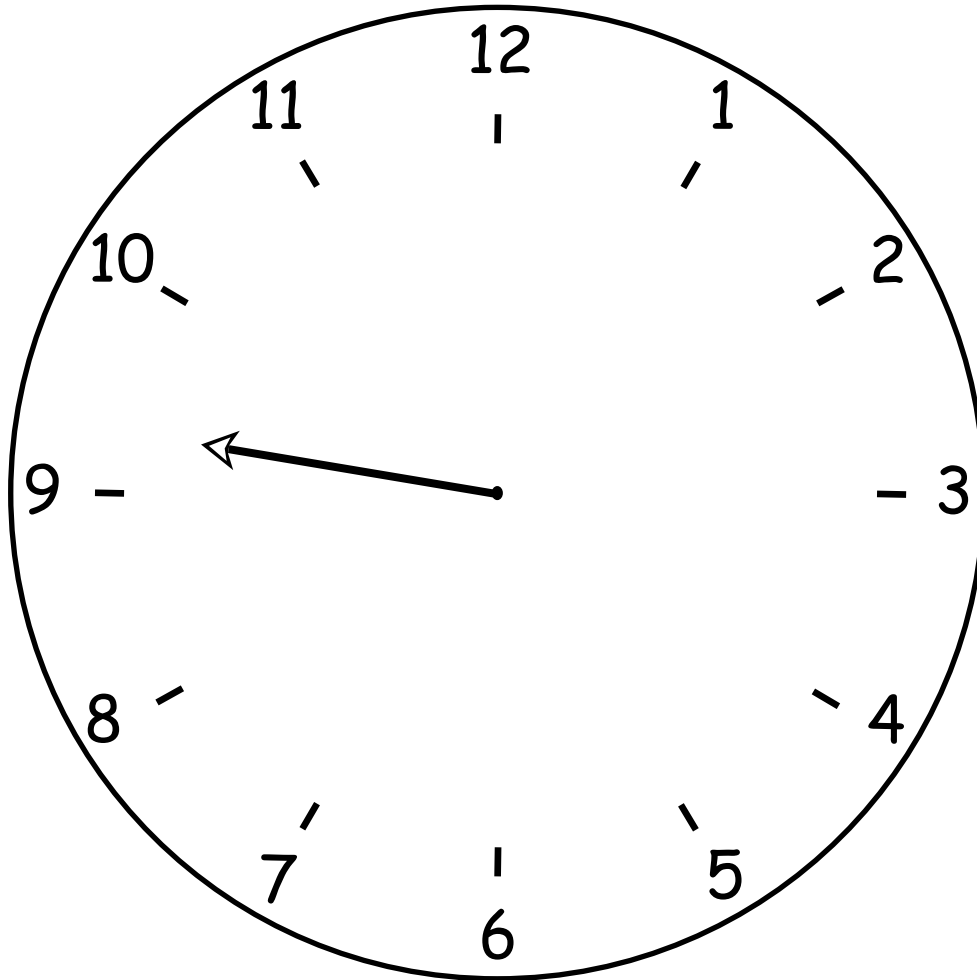


24. Write a digit in each box to make the sum correct.

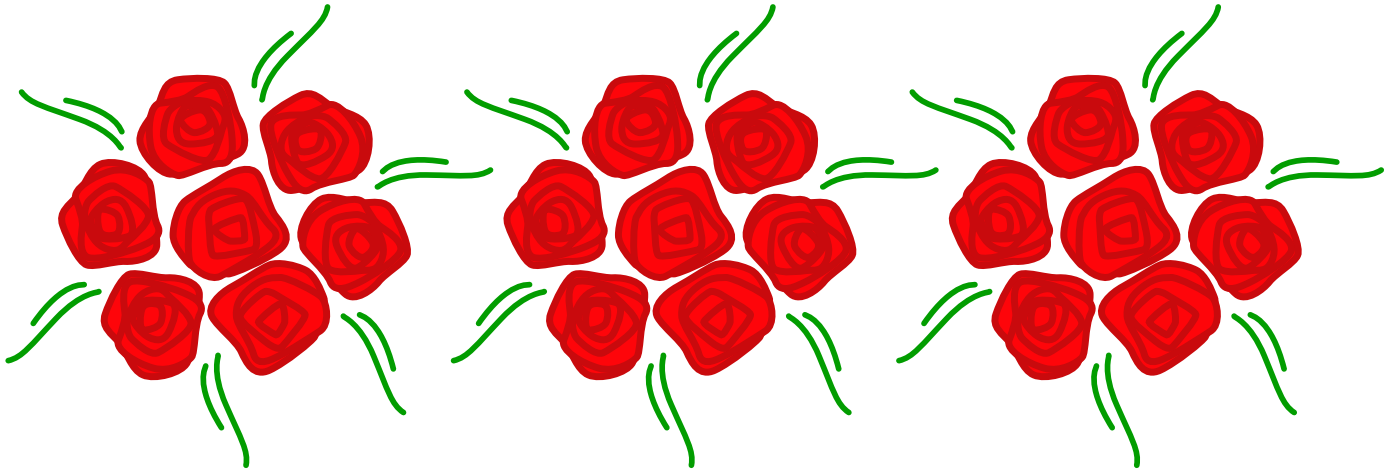
$$\begin{array}{|c|c|} \hline 6 & \phantom{0} \\ \hline \end{array} + \boxed{\phantom{00}} = \begin{array}{|c|c|} \hline 7 & 2 \\ \hline \end{array}$$



25. Draw a minute hand on this clock so that it will show the time twenty minutes past nine.



26. Here are 18 flowers. If these are to be shared out equally between 2 people, tick the calculation that will give the number each person will be given.



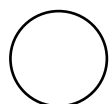
Tick one

$$18 + 2 = 20$$

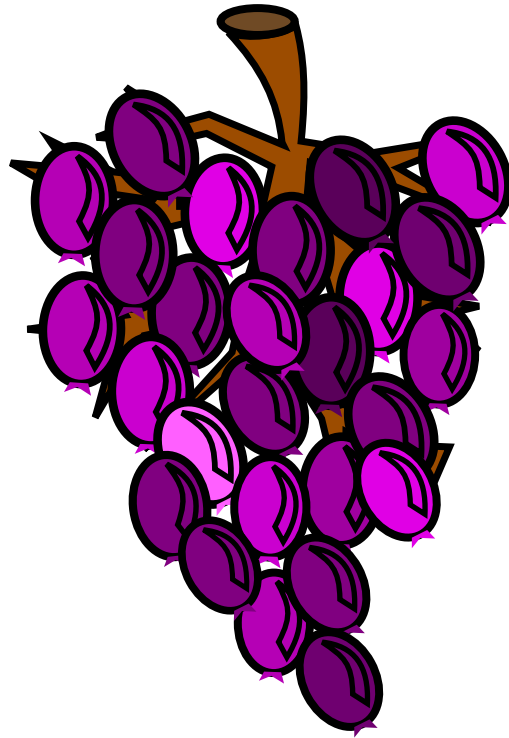
$$18 - 2 = 16$$

$$18 \times 2 = 36$$

$$18 \div 2 = 9$$

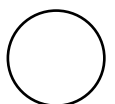


27. There are 26 grapes on a bunch. If 9 are eaten at lunch time and then 8 eaten at tea time, how many grapes will be left?



Show  
your  
working

grapes



28. Write  $<$  or  $>$  or  $=$  in each box to make the sum correct.

$$7 + 2 \quad \square \quad 9$$

$$7 + 2 \quad \square \quad 12$$

$$7 + 2 \quad \square \quad 8$$

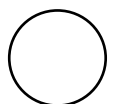
29. Do these calculations have the same answers? Write a Yes or No in the box after each calculation. The first one has been done for you.

$$5 + 3 \quad \text{and} \quad 3 + 5 \quad \underline{\text{Yes}}$$

$$7 - 4 \quad \text{and} \quad 4 - 7 \quad \underline{\hspace{2cm}}$$

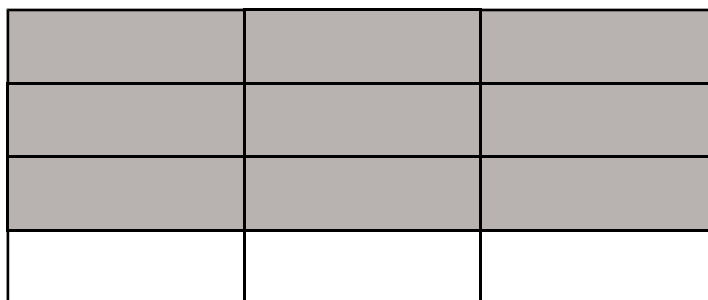
$$3 \times 2 \quad \text{and} \quad 2 \times 3 \quad \underline{\hspace{2cm}}$$

$$8 \div 2 \quad \text{and} \quad 2 \div 8 \quad \underline{\hspace{2cm}}$$

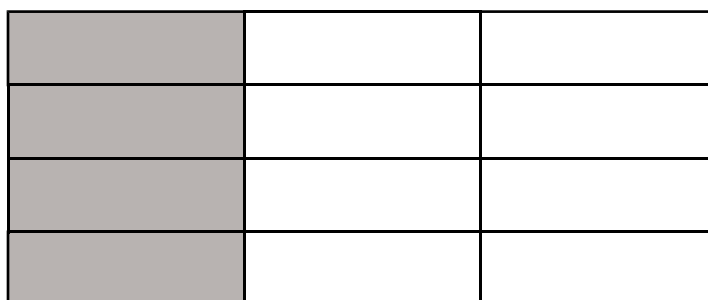


30. Draw a line from these fractions to the shape that has the fraction shaded. The first one has been done for you.

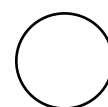
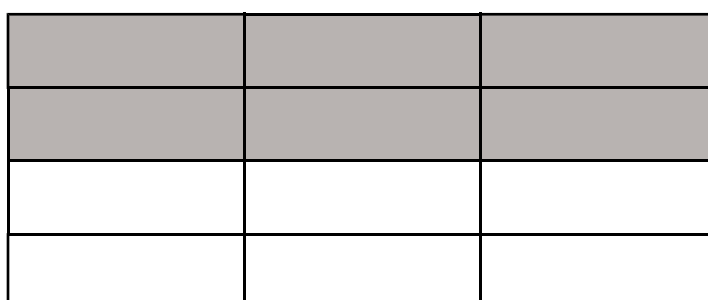
$$\frac{1}{2}$$



$$\frac{3}{4}$$

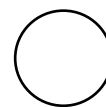


$$\frac{1}{3}$$



31. Complete this number sentence

$$3 \times 4 = 6 \times \square$$



End of test

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