Bancroft's Preparatory School

7+

Mathematics—SAMPLE PAPER

These questions are representative of the mathematical skills we are looking at in our test. The format or content of the questions will be different in the actual test your child will sit.



Name.....

1. Can you work out the answers to these sums? Put your answers in the box.

3 + 2 = ☐ 9 + 6 + 8 = ☐

12—4 = ☐ 18—9 = ☐

5 x 4 = ☐ 6 x 3 = ☐



Complete these questions in the same way you normally do. You can draw a number line if it helps you.

2. 32 + 14 =



3. 23 + 15 =



4. 46— 29 =



5. 73— 36 =



6. 4 x ☐ = 8

9 = 6 ☐ 3



7. 9 ☐ 4— 2 = 11

2 x 4 = 4 ☐ 4



8. The rule for this number sequence is add 4

3, 7, 11, 15, 19, 23, ____, ___

What is the rule for this pattern?

24, 21, 18, 15, 12, 9, 6, 3, 0



The rule is:_____

9. Write these numbers in order starting with the smallest



14	2	29	154	132	99	123



10. Look at these numbers:

74 **27** **64** **15** **20** **3** **45** **39** **68**

Tick two numbers that are **greater than 50.**
Cross two numbers that are **less than 40.**
Circle a number with **6 tens**
Shade the number **with 5 units**

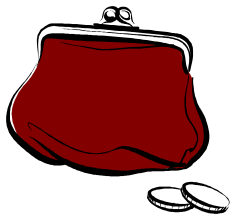
12. Jonny has 5 football stickers. He then buys a pack of 12, but gives 6 of them to his little sister. How many stickers does he have left in total?





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13. Avani gets 85p pocket money a week. This is given to her in four silver coins. Draw the coins she is given.



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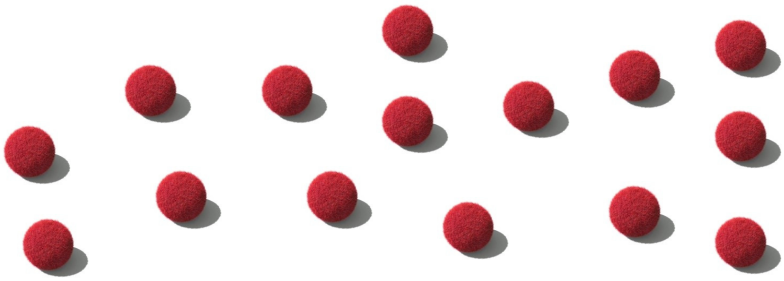
14. Eric buys a banana. His friend Jenny buys a kiwi. How much ***more*** does Eric spend?



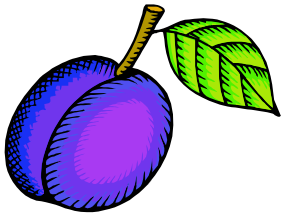
Strawberries	38p
Banana	42p
Mango	50p
Kiwi	26p

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14. Muhammad has a bag of red balls. He has 15 balls in the bag. He takes some out, and is left with 4 balls in the bag. How many balls did he take out?



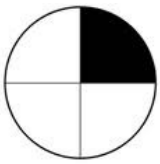
15. Michael bought 3 plums. He paid with 40p and got 10p change. How much did each plum cost?

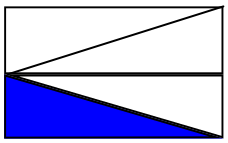


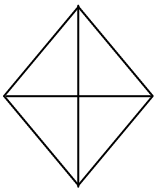


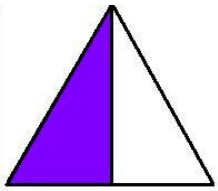
_____

16. Put a cross beside each shape which has a quarter shaded.

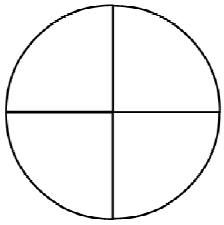




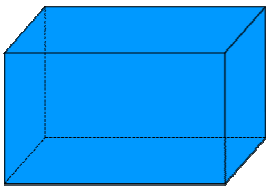


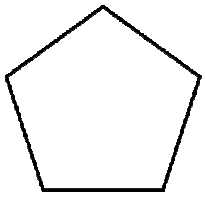


17. Shade in three quarters of this shape.



18. Write the correct names of these shapes.







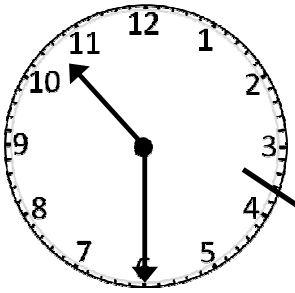
_____ _____ _____

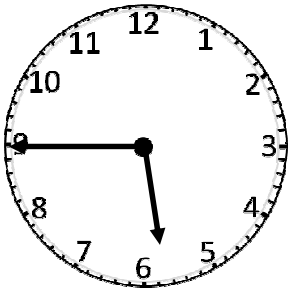
sphere	cuboid	pentagon

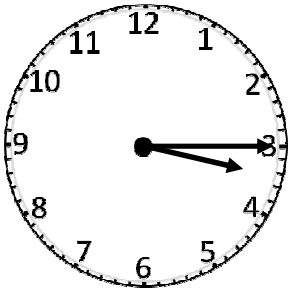
19. Match the items on the left to how much you think they weigh
The first one has been done for you.

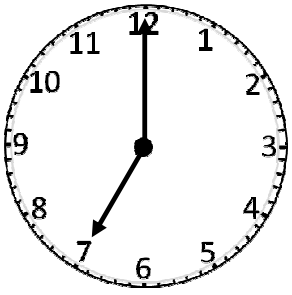
A bag of sugar	10g
A grown up man	70kg
A cup of water	1kg
A pencil	200g

20. Draw a line from each clock to the correct time. One has been done for you.









quarter past 3

half past 10

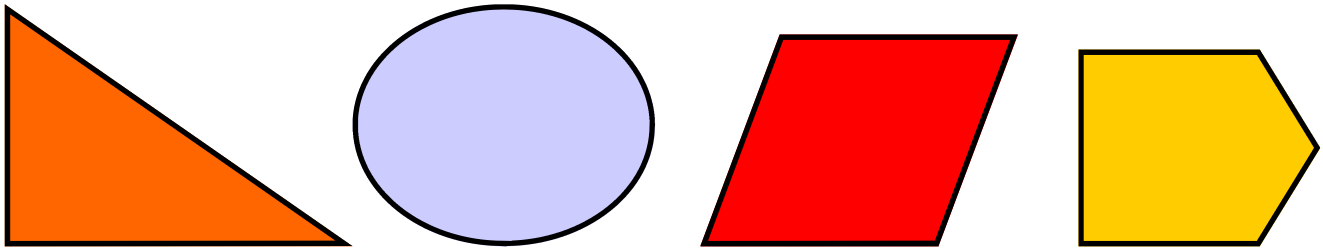
7 o'clock

quarter to 6

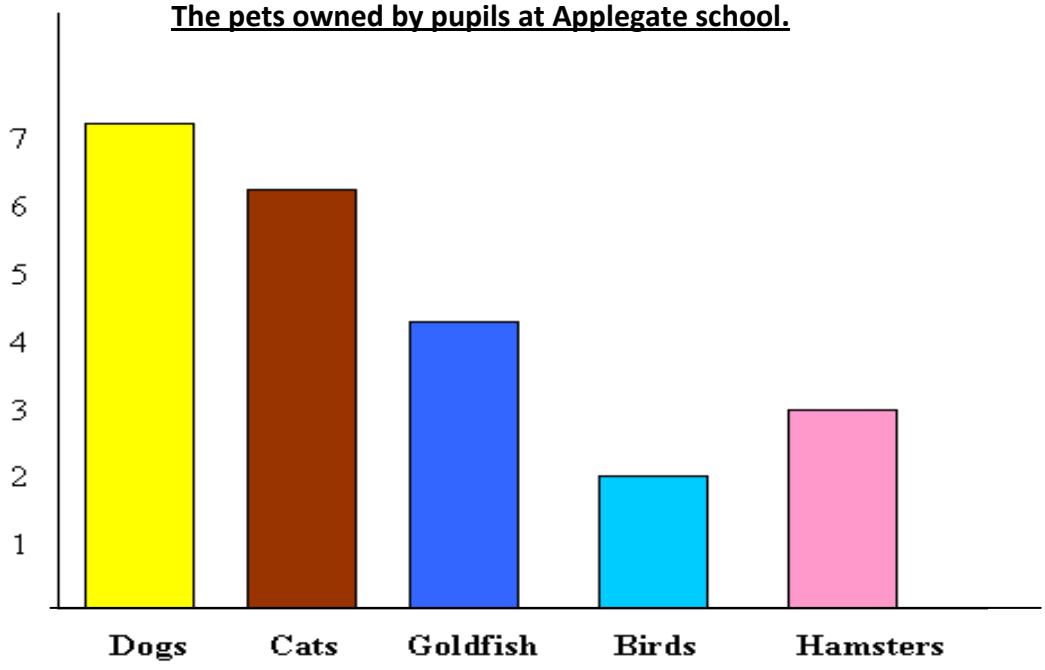
22. Fill in the missing number.

☐ +220 + 140 = 520

23. Tick the shapes that have at least one right-angle.



24. Look at the bar chart below. Answer the questions underneath.



How many goldfish are owned by pupils? _____

Draw another bar on the chart to show three pupils had pet mice.