

SAMPLE



North London Collegiate Junior School

7+ Examination

Sample Maths Paper

Time: 60 minutes

Name

Date

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NLCS Junior School
7+ Maths Exam – Sample Questions

1

Find the total of these **three** numbers.

40

7

31

2

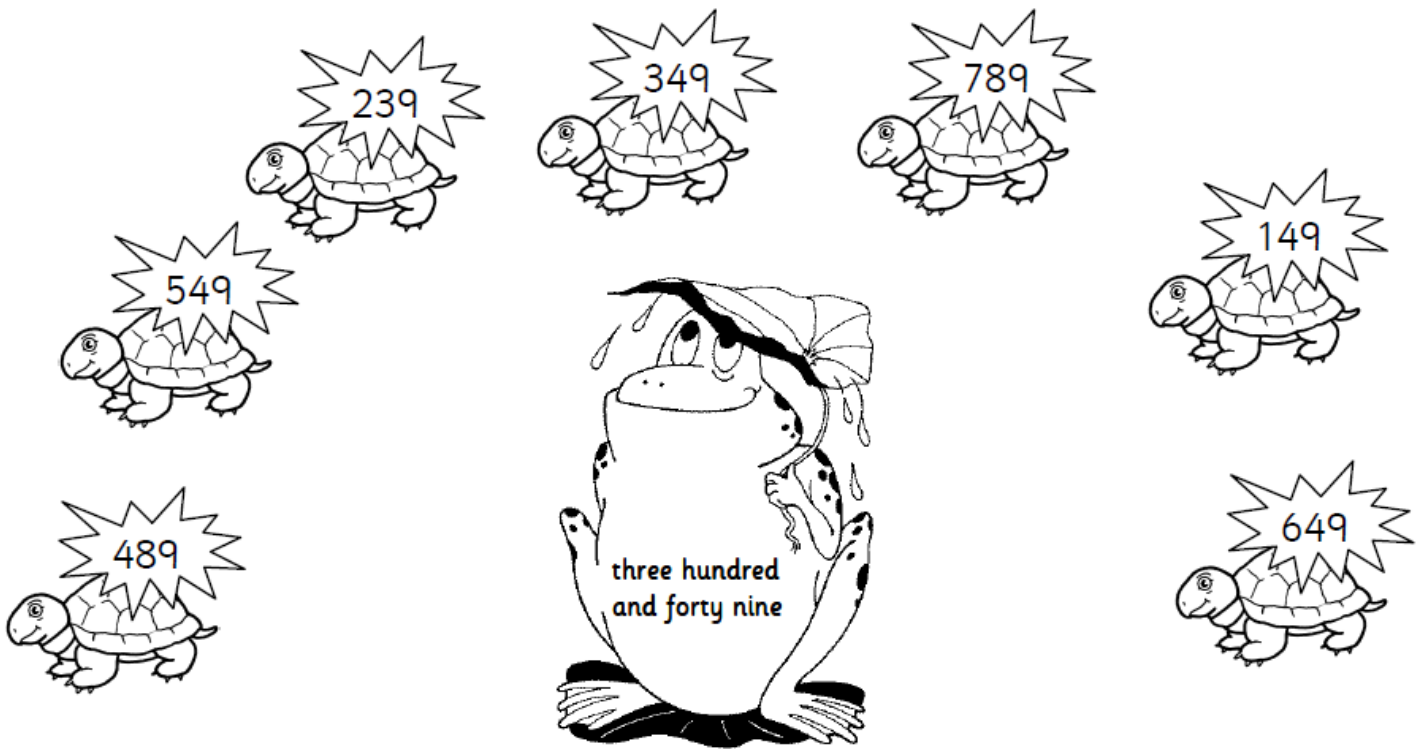
Draw a circle round the **even** numbers.



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3

Draw a line to match the number on the frog with one of the tortoises.



4

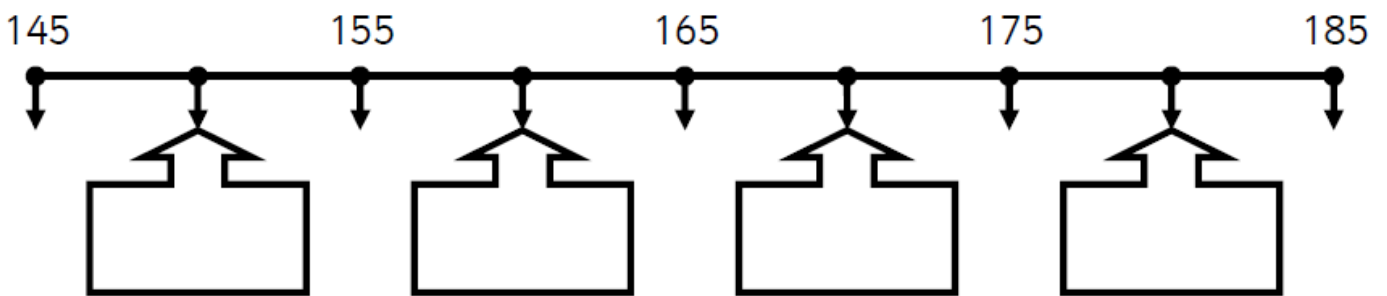
Finish partitioning these numbers.

$$528 = 500 + \boxed{} + 8$$

$$460 = \boxed{} + 60 + \boxed{}$$

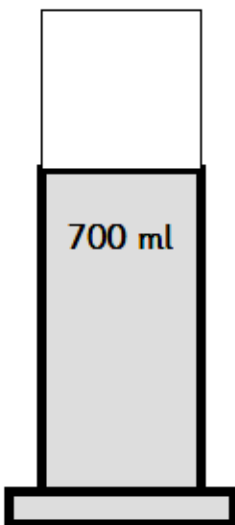
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5 Fill in the missing numbers hanging under the line.

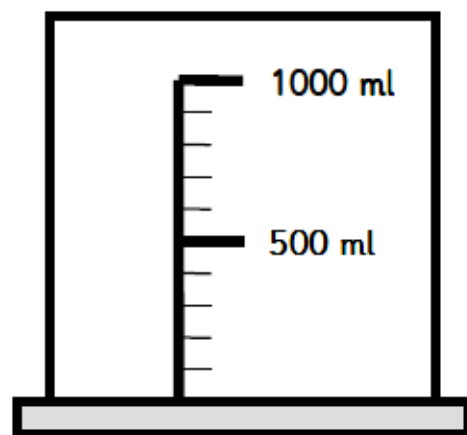


6 Draw a line on the large flask showing where the water will come to.

This flask holds
700 ml of water.



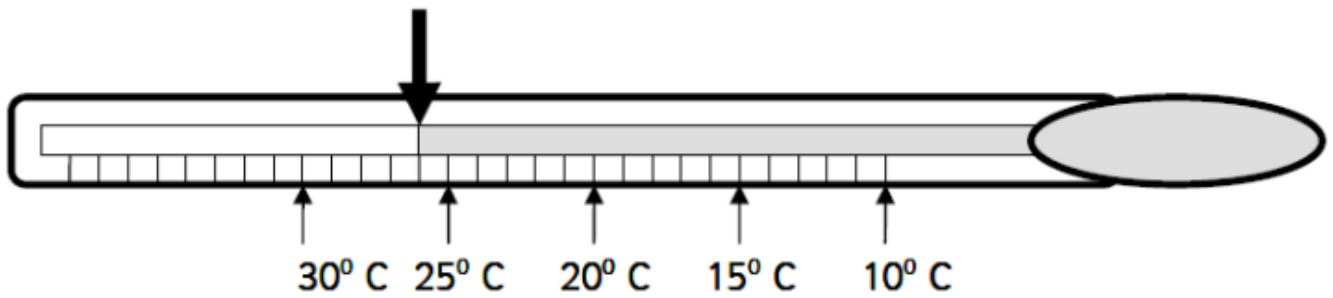
The water is poured
into this empty flask.



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7

What temperature is shown on this thermometer?



°C

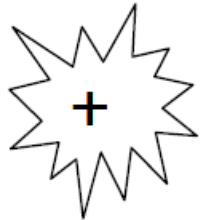
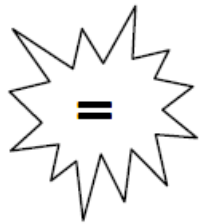
8

Use the correct signs to complete these sums.

$$14 \quad \square \quad 8 \quad = \quad 22$$

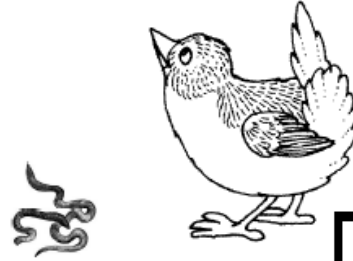
$$26 \quad - \quad 14 \quad \square \quad 12$$

$$18 \quad \square \quad 9 \quad = \quad 9$$



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The bird ate 5 worms in the morning.
It ate **twice as many** in the afternoon.
Just before sunset it ate another 4 worms.



worms

9 What was the **total** number of worms eaten by the bird?

6 cup cakes cost £1.20



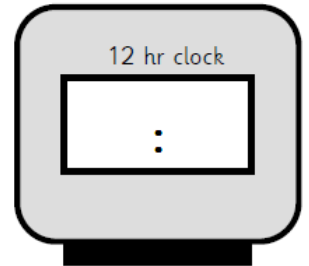
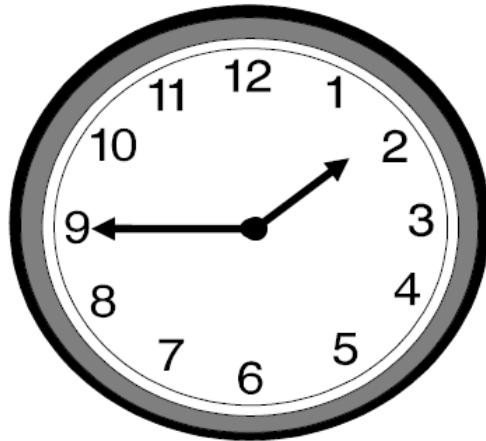
10 How much would it cost to buy 12 cup cakes?

£

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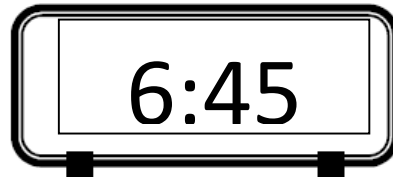
11

Write the time shown on this analogue clock on the digital clock



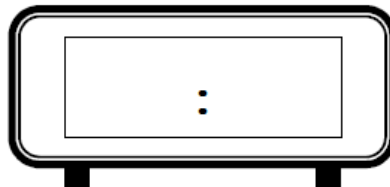
Joe plays chess with his dad before he goes to bed.

They play together for **half an hour** and stop at the time shown on the clock.

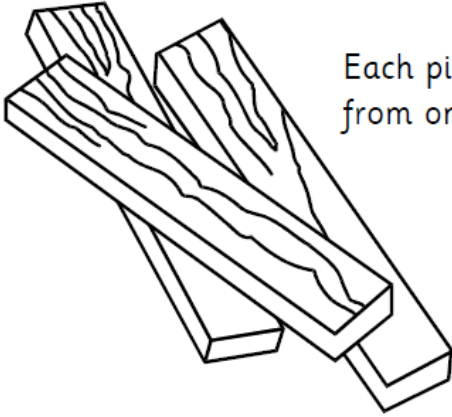


12

Write the time that they start playing chess on this digital clock?



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Each piece of wood is **24 cm** long and was cut from one plank.

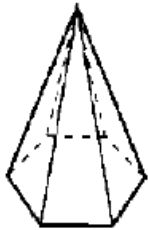
13

How **long** was the plank of wood that they were cut from?

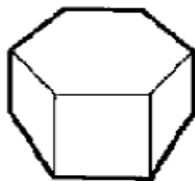
cm

14

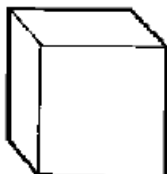
Answer the questions about these **3-D** shapes.



number of faces



number of corners

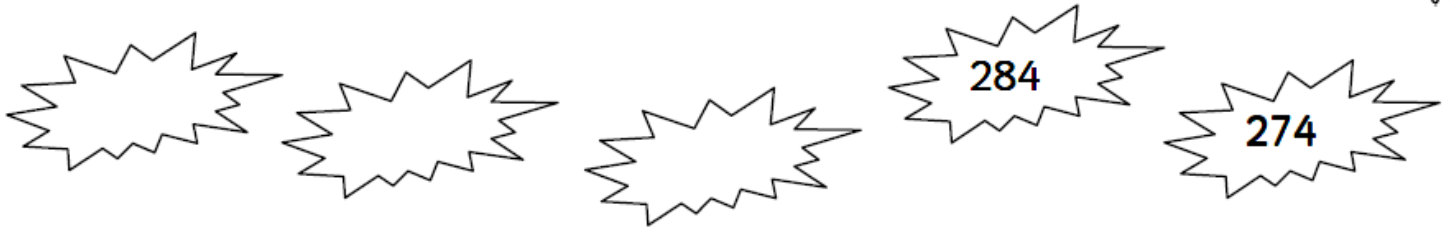


number of edges

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15

Fill in the missing numbers on this number chain.



16

Write the missing digit in the triangles.

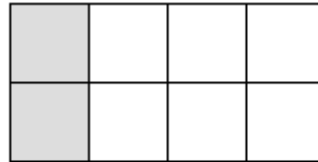
$$3 \triangle + \triangle 2 = 98$$

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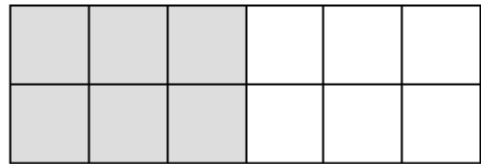
17

Draw lines to match the fraction to the shape.

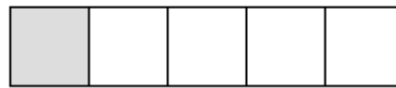
$$\frac{1}{2}$$



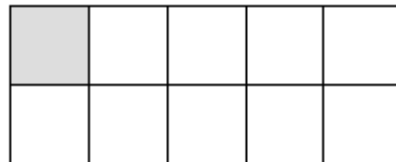
$$\frac{1}{4}$$



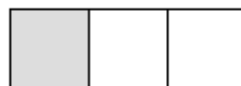
$$\frac{1}{10}$$



$$\frac{1}{5}$$



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



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18

What **fraction** of this set has been shaded?

