

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Department of Curriculum Management

Maths Support Team

Half Yearly Alternative Examinations for Primary Schools 2017

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LEVEL 3

MATHEMATICS WRITTEN PAPER

TIME: 1h 15min

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1. Fill in with the **missing** numbers.

a.  $22 + 8 = \square$

b.  $35 + 11 = \square$

c.  $5 \times 4 = \square$

d.  $87 - \square = 7$

(6 marks)

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2a) Tick  the cards with the **correct** addition sums.

$35 + 65 = 100$

$81 + 19 = 100$

$55 + 55 = 100$

$11 + 89 = 100$

b) Fill in with the **missing** numbers.

$\square + 40 = 100$

$27 + \square = 100$

(8 marks)

3. Tick ✓ the three sentences below that are true.

24 is a number **between 20 and 30**.

24 is an **odd number**.

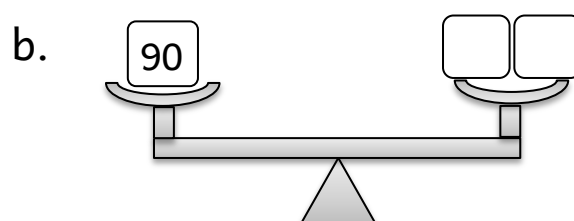
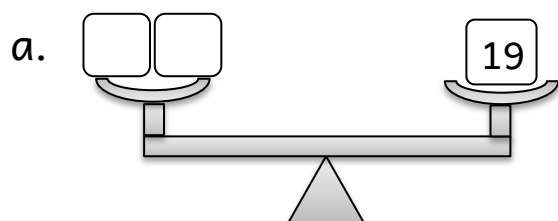
24 is **double 12**.

24 is **10 more than 14**.

(6 marks)

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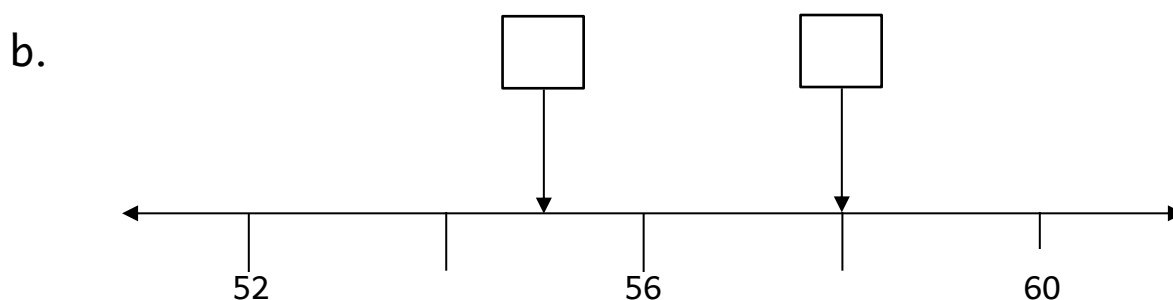
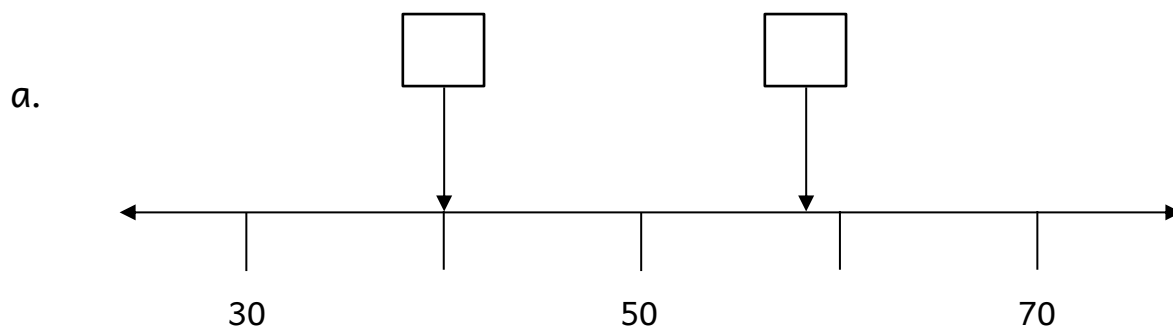
4. Fill in the missing numbers to keep the scales **balanced**.



(8 marks)

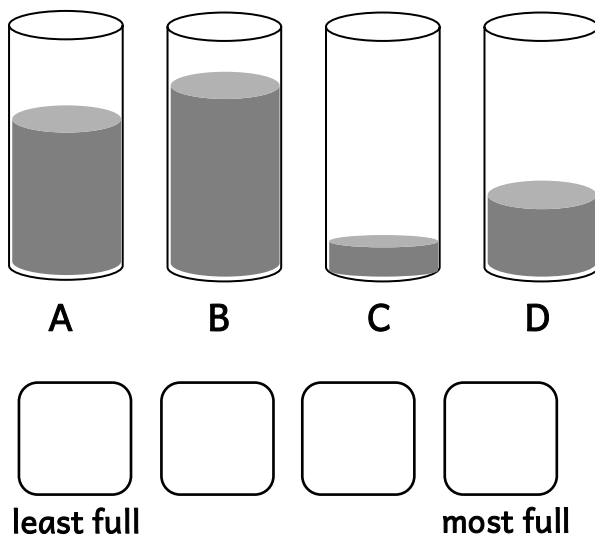
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5. Fill in the missing numbers in the number lines below.



(8 marks)

6. Sort the glasses from **least full** to **most full**.



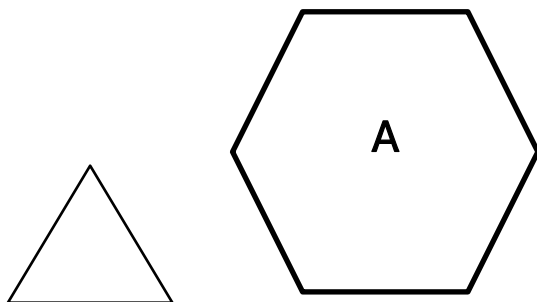
(4 marks)

7. Match each **coin** to the correct box.  
The first one is an example.

The image shows two boxes for matching coins. The left box is labeled 'less than' and the right box is labeled 'more than'. Both boxes have a 1 Euro coin as an example. In the center, there are five coins: 10 Cent, 2 Cent, 50 Cent, 20 Cent, and 2 Euro. A line connects the 10 Cent coin to the 'less than' box.

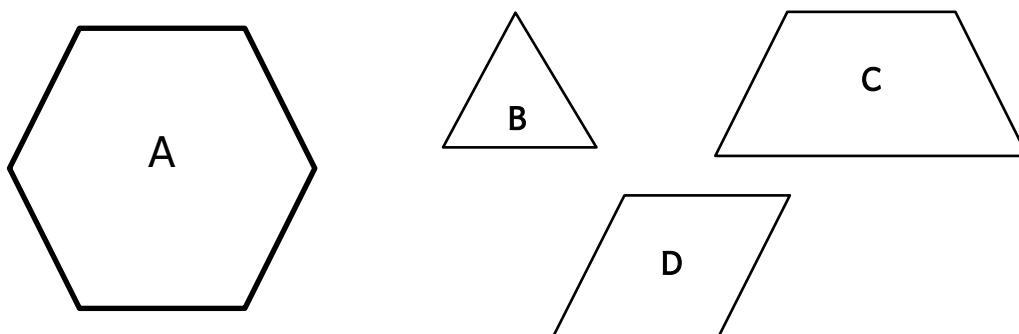
(4 marks)

8a) How many small triangles are needed to make shape A?



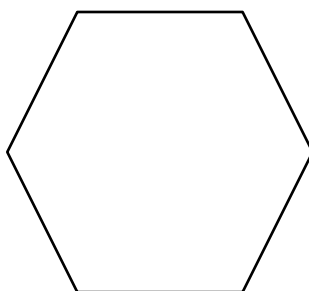
triangles

b) Which shape is the **same** as **half** of shape A?



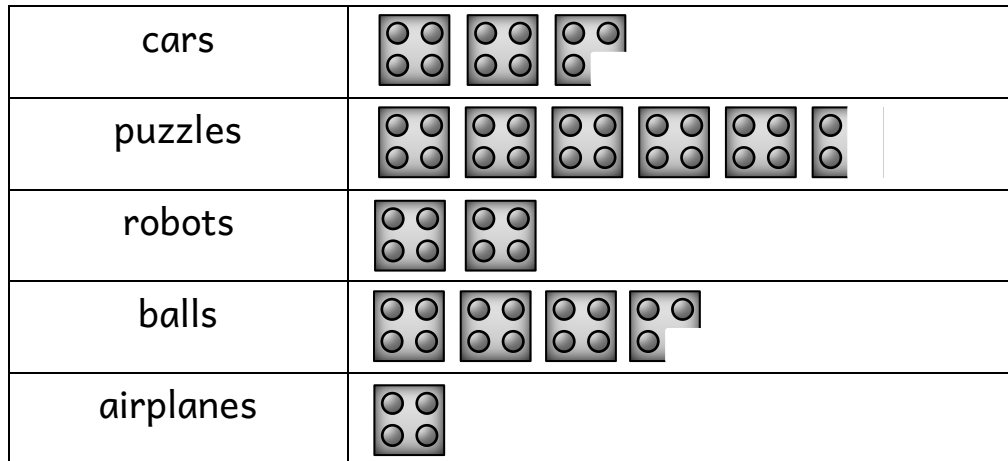
Shape  is half of shape A.


c) Shade a **quarter** of this shape.



(6 marks)

9. Steve has different types of toys.  
The **pictograph** below shows the number of toys for each type.

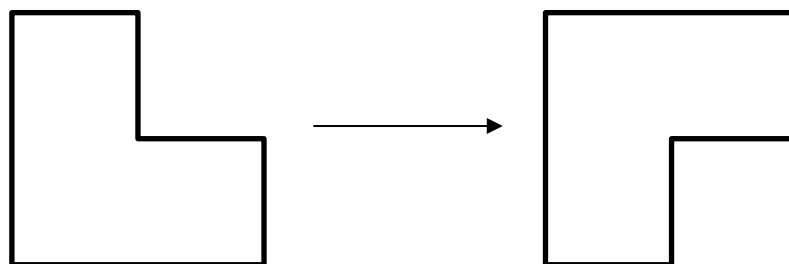


 = 4

- a) How many **puzzles** does he have?  puzzles
- b) How many **more puzzles** are there than **cars**?  
 more puzzles
- c) Steve gives **half** the puzzles to a friend.  
How many **puzzles** does he give?  
 puzzles
- d) Steve gets another **3 robots** on his birthday.  
Continue the pictograph above to show the **new total** of robots.

(8 marks)

10. This shape is turned clockwise.



a) How much is the shape turned?

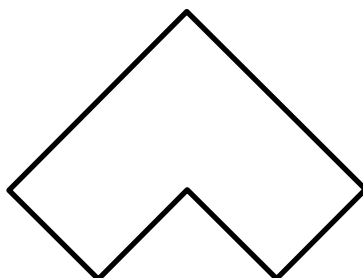
Tick ✓ the correct answer.

quarter turn

half turn

whole turn

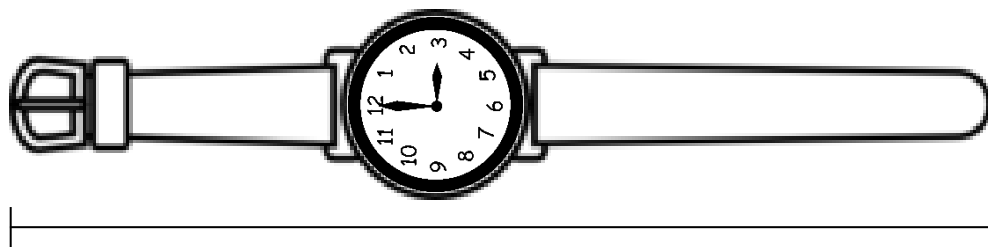
b) Fill in the table below about this shape.



Number of sides	Number of corners	Number of lines of symmetry

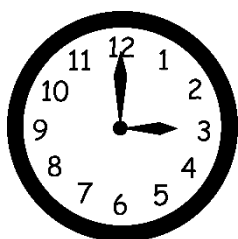
(5 marks)

11a) Use a ruler to measure the length of the watch below.

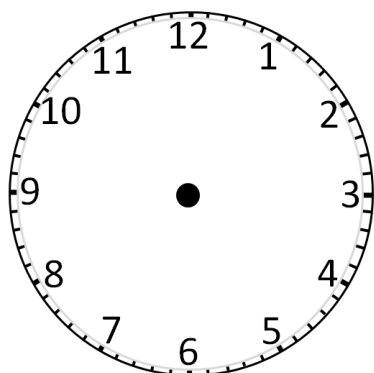


The watch is \_\_\_\_\_ cm long.

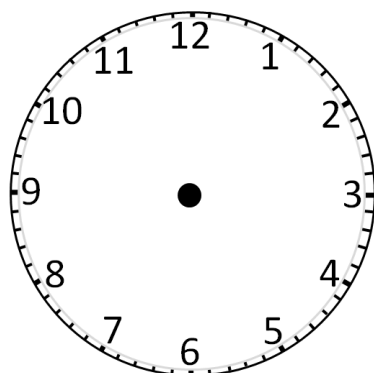
b) What time is the watch showing?



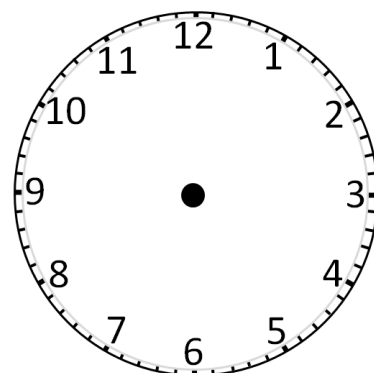
c) Draw the hands on each clock below to show the time.



half past 4



quarter past 5

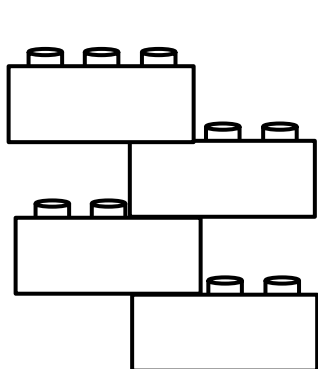


quarter to 10

(9 marks)

12. One plastic brick weighs 2 grams.

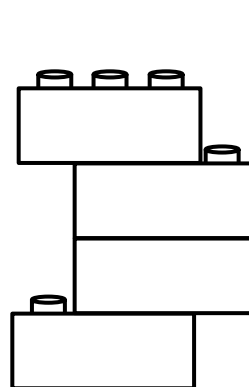
Bricks are used to make each of the models A, B, C and D.



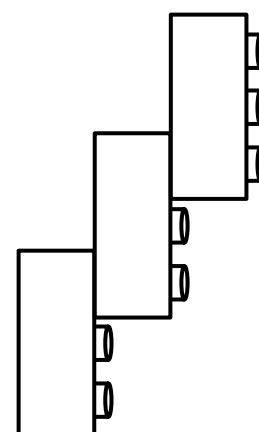
Model A



Model B



Model C



Model D

Which of the models A, B, C and D above:

a. is the **lightest**?

b. is the **heaviest**?

c. Which two models have the **same weight**?  and

d. How many of **model B** are needed to make a total weight of 100g?

(8 marks)