This assessment is there for you to check what you have learned both at school and during the Help Your Kids: Maths live lessons. Try and answer the question by yourself at first and once you have had a go try and get some help from your parents or even by watching the Lockdown lesson for that topic.

## ARITHMETIC SECTION

1. **Mental Arithmetic**

   a) $5 + 2 =$ _____

   b) $37 + 5 =$ _____

   c) $10 + 20 =$ _____

   d) $18 - 8 =$ _____

   e) $88 - 4 =$ _____

   f) ½ of $16 =$ _____

   g) $3 \times 10 =$ _____

   h) $7 \times 2 =$ _____

   i) $100 - 10 =$ _____

   j) $3 + 30 + 4 =$ _____

**(10 Marks)**

**2) Partitioning Addition  (3 Marks)**

$54 + 22 =$ [ ]

a)

$67 + 33 =$ [ ]

b)

$17 + 48 =$ [ ]

c)

**3) Written Subtraction**

**a)**

$$59 - 15 = \boxed{\phantom{XXXXX}}$$

**b)**

$$74 - 47 = \boxed{\phantom{XXXXX}}$$

**(2 marks)**

**4. Harder Problems (4 marks)**

**a) Find ¼ of 24**

_____

**b) 120 ÷ 10**

_____

**c)**

$$\boxed{\phantom{XXXXX}} + 8 = 20$$

**d)**

$$98 - \boxed{\phantom{XXXXX}} = 28$$

**PROBLEM SOLVING SECTION**

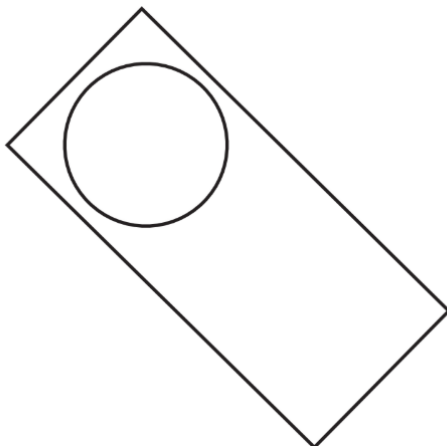**1.**



Tower A      Tower B      Tower C      Tower D
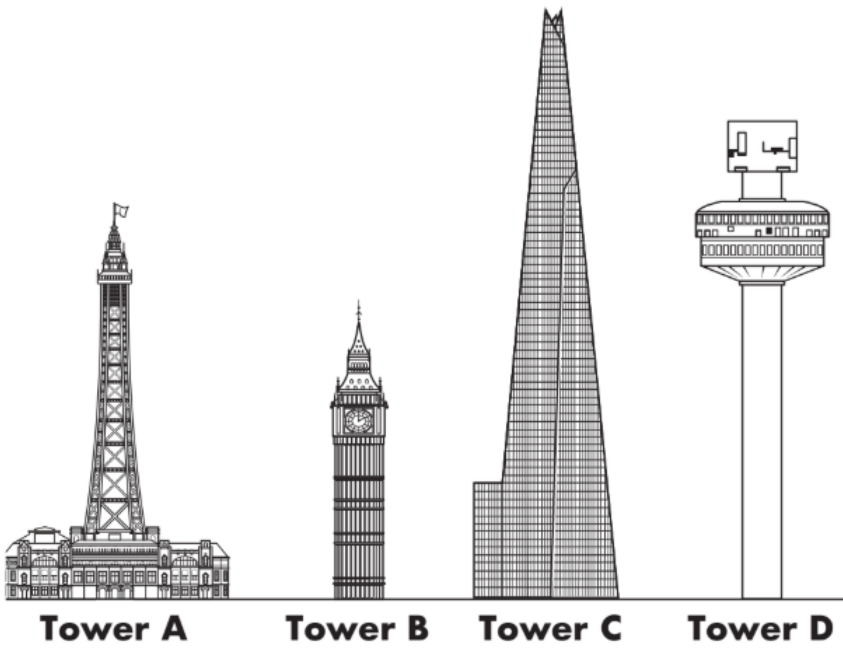
Put the four towers in order from **tallest** to **shortest**.

One is done for you.



**(1 mark)**

**2. Name the two shapes in this picture…**



SHAPE 1: _____

SHAPE 2: _____

**(2 marks)**

**3.**

Kemi goes to four clubs each week.

Which club lasts the **longest**?

Circle it.

| Swimming | Art |
|----------|-----|
| 45 minutes | 2 hours |

| Music | Drama |
|-------|-------|
| 75 minutes | 1 hour |

**(1 mark)**

**4.**

Shade $\frac{3}{4}$ of this shape.

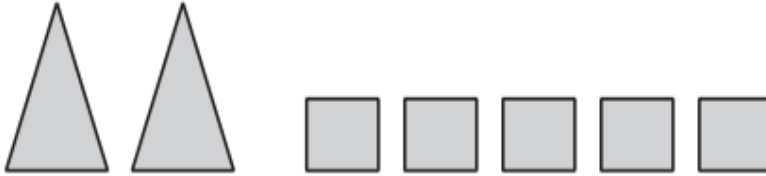| | | | |
|---|---|---|---|
| | | | |

**(1 mark)**
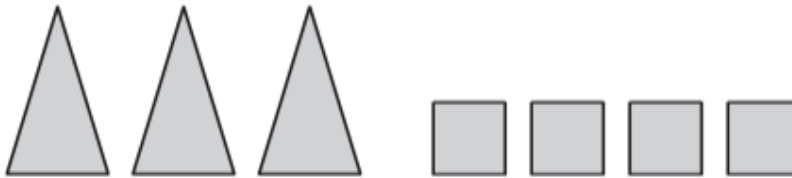
**5.**

Amy makes **25** using different shapes for tens and ones.

Amy makes a new number.
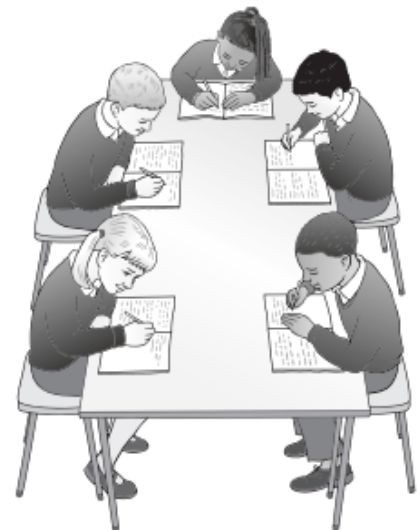
**What is Amy's new number?  _____**                    **(1 mark)**

**6.**

A classroom has **6** tables.

Each table has **5** children sitting at it.

Complete the number sentence to show how many children there are **altogether**.

| | × | | = | children |
|---|---|---|---|---|

**(1 mark)**

**7. a)**

Ajay has **20p** in 2p coins.

How many 2p coins does Ajay have?

coins

**(1 mark)**

**b) Ajay buys a chocolate bare that costs 85p. He pays with a £1 coin. How much change does he get?**

_____ **(1 mark)**

**8.**

Here is part of a number line.

Write the correct number in the box.

70                                        90

**(1 mark)**

**9.**

One plane lands every minute.

How many planes land in **1 hour**?



```
                    planes
```
**(1 mark)**

**10.**

Sam has 55p.

Ben has 10p less than Sam.
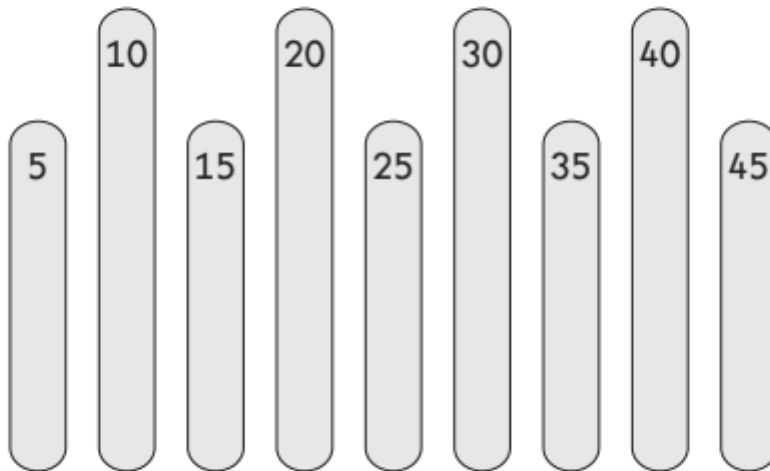
Tick the coins that **Ben** has.



**(1 mark)**

**11.**

Kemi makes a pattern with sticks.

Some are long and some are short.

She writes a number pattern on the sticks.

| 10 | | 20 | | 30 | | 40 | |
| 5 | 15 | 25 | 35 | 45 |

Write the number that will be on the next **short** stick.

**(1 mark)**

**12.**

Write the **same** number in both boxes to make the sum correct.

☐ + ☐ = 26

**(1 mark)**
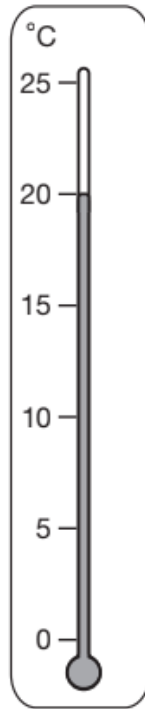
**13.**

Look at the thermometers.

The temperature on the playground is lower than the temperature in the classroom.

How much lower?

|    |    |
|----|----|
|    | °C |

playground     classroom

**(1 mark)**

**14. Draw a rectangle that is 7cm long and 3cm wide. Use a ruler.**
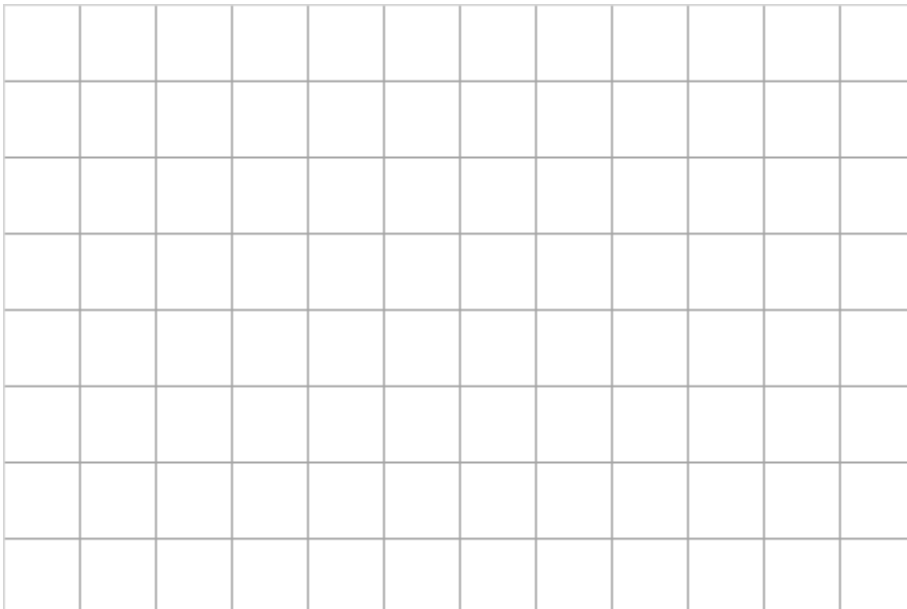
**(1 mark)**

**15.**

A shopkeeper has **20** fish and **5** fish bowls.
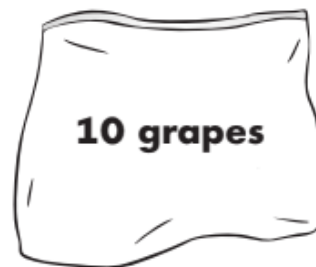He puts the same number of fish in each bowl.

How many fish go in each bowl?

| fish |
|---|

**(1 mark)**

**16.**

Ben has **7** bags of grapes.

Each bag has **10** grapes.

Ben gives **25** grapes to his friends.

How many grapes does he have **left**?

**10 grapes**

Show
your
working

| grapes |
|---|

**(2 marks)**