# Walter Infant School
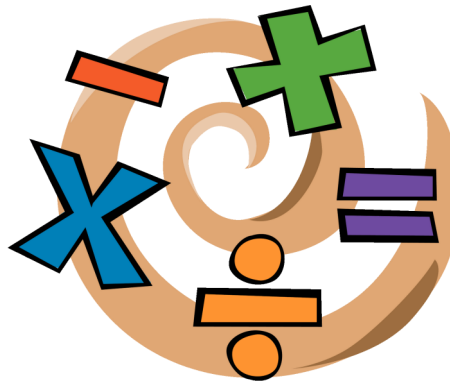
## To be the best I can be



## Year 2 - SATs Mathematics Workshop Materials

**1**   **2 + 7 = ………**

1 mark

**3**   **32 + 27 = ………**

1 mark

**2**   **37 + 5 = ………**

1 mark

**4**   **17 + 48 = ………**

1 mark

**5** 9 - 5 = ………

1 mark

**6** 35 - 8 = ………

1 mark

**7** 68 - 25 = ………

1 mark

**8** 73 - 28 = ………

1 mark

**9**   3 + 30 + 6 = .........

1 mark

**11**   10 x 8 = .........

1 mark

**10**   7 x 5 = ........

1 mark

**12**   9 x 2 = ........

1 mark

**13**  21 ÷ 3 = ………

1 mark

**15**  40 ÷ 5 = ………

1 mark

**14**  12 ÷ 2 = ………

1 mark

**16**  18 ÷ 3 = ………

1 mark

**17** $\frac{1}{2}$ of 12 = ..........

**19** $\frac{1}{3}$ of 15 = ..........

**18** $\frac{3}{4}$ of 20 = ..........

**20** 14 + .......... = 29

or

.......... - 14 = 7

or

35 - .......... = 14

# RUCSAC

## READ
Read the word problem.

## UNDERLINE
Underline the numbers and important information.

## CHOOSE
Choose the correct operation and write the number sentence.
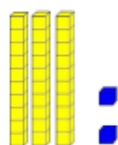
## SOLVE
23 + 12 =
Solve the calculation using a method you know well.

## ANSWER
Answer the calculation.

## CHECK
Check through your work to ensure that it is correct.

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Ben has **7** bags of grapes.

Each bag has **10** grapes.

**10 grapes**

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

How many grapes does he have **left**?
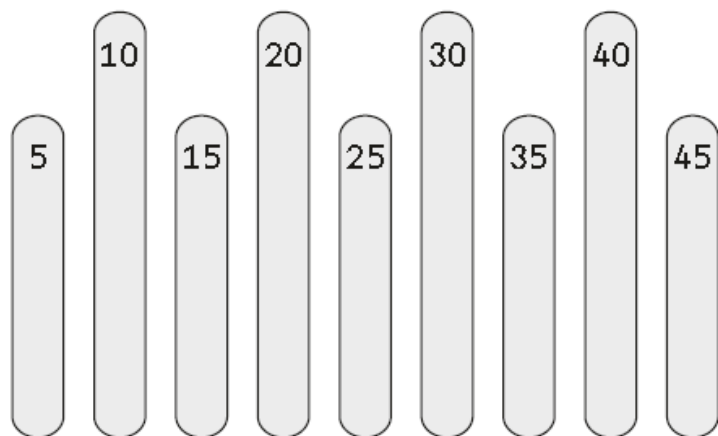
Show your working

grapes

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Put a tick below the **fourth black bead**.

Kemi makes a pattern with sticks.

Some are long and some are short.

She writes a number pattern on the sticks.

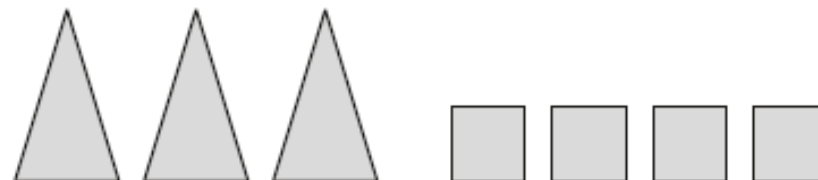| 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 |

Write the number that will be on the next **short** stick.
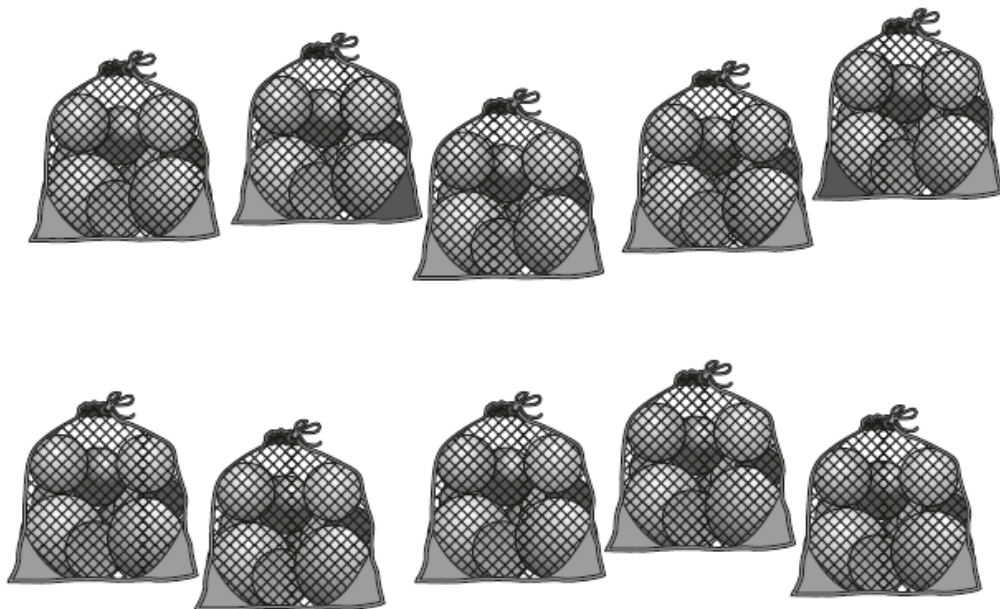
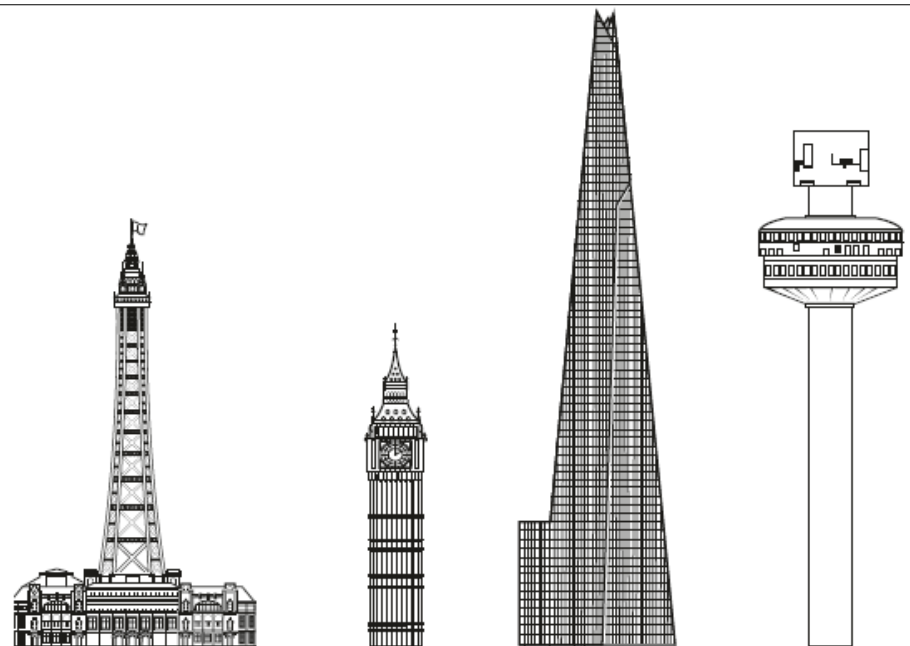Amy makes **25** using different shapes for tens and ones.

Amy makes a new number.

What is Amy's new number?

Sita puts **10** balls in each bag.

How many balls are in the bags **altogether**?

|  |
| --- |
| balls |

Put the four towers in order from **tallest** to **shortest**.

One is done for you.

**Tower A**  **Tower B**  **Tower C**  **Tower D**

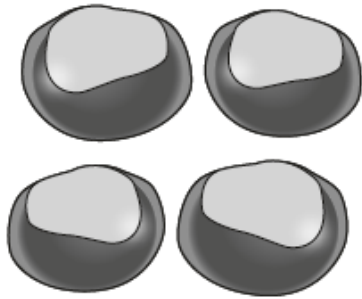|  | D |  |  |
| --- | --- | --- | --- |
| **tallest** |  |  | **shortest** |

Ajay, Sam and Kemi have 4 conkers each.

How many conkers do they have **altogether**?
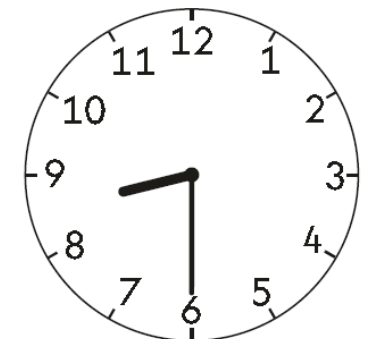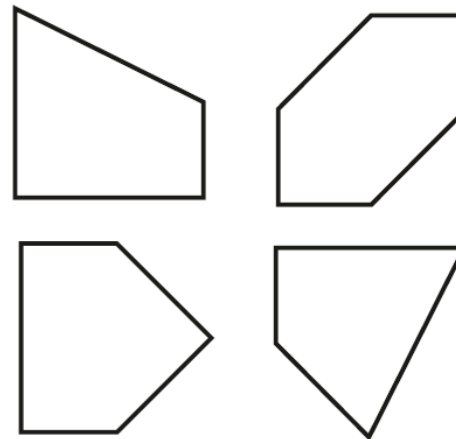
conkers

Look at these coins:

What is the largest amount you can make using **three** of these coins?

p

Tick the shape that has exactly $\frac{1}{3}$ shaded.
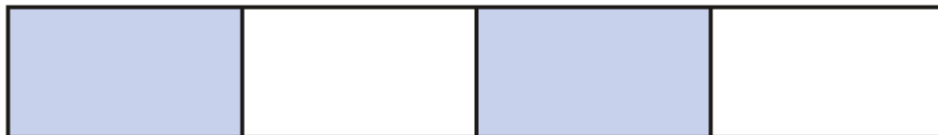
Tick the **pentagon**.

What time does the clock show?
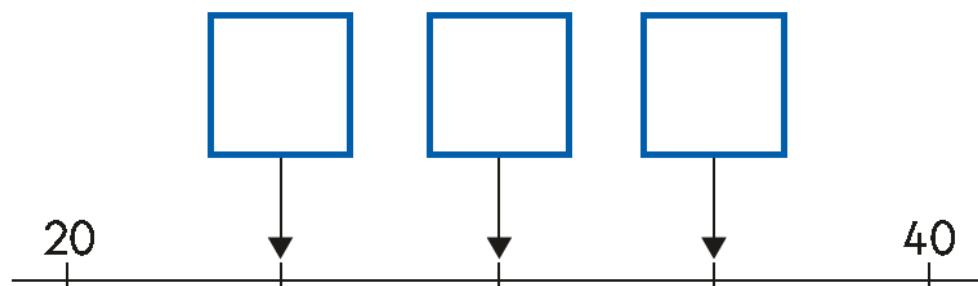
Tick the correct box.

| twenty to 6 | half past 9 |

| half past 8 | quarter to 6 |

The numbers on this number line go up by the **same amount** each time.

Write the missing numbers in the boxes.

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

20 ↓ ↓ ↓ 40

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Write these numbers in order, starting with the smallest.

73   37   76   36   63

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

**smallest**                                    **largest**

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20 children choose their favourite fruit juice.

The chart shows the results.



number of children

apple   orange   mango

**fruit juice**
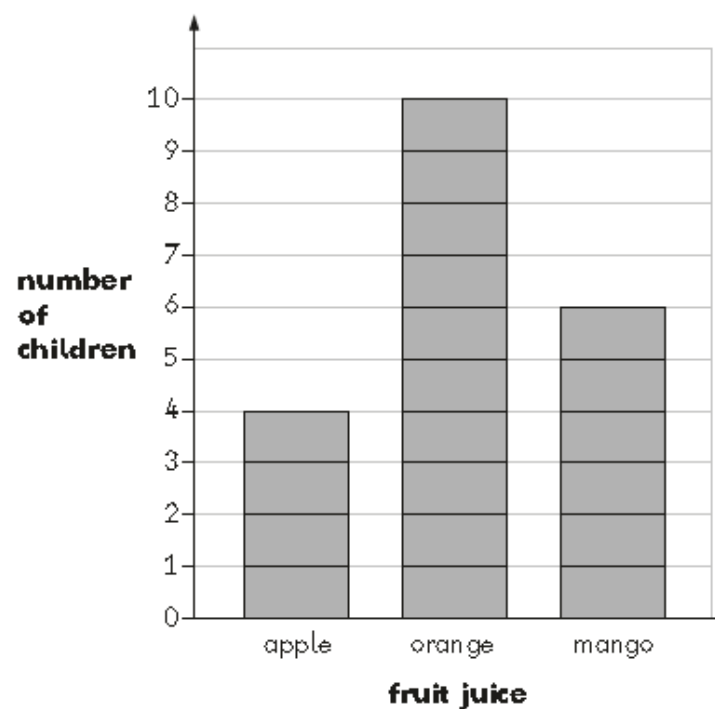
(a)  How many **more** children choose orange than apple?

| |
|---|
children

(b)  Another boy joins the group.

He chooses **mango** juice.

**Add this information to the chart.**

Page 11
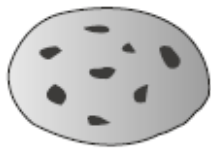
biscuits
**20p** each

cakes
**25p** each

Sam buys **3** biscuits and **1** cake.

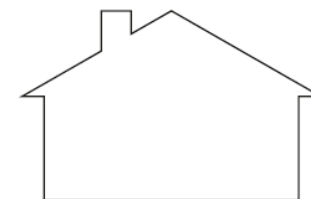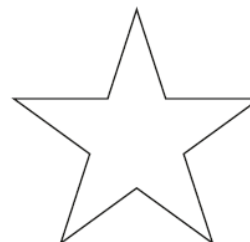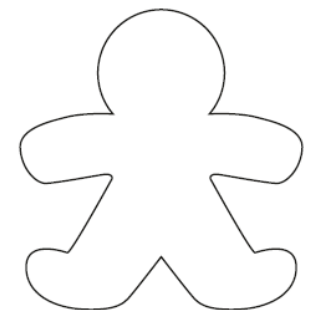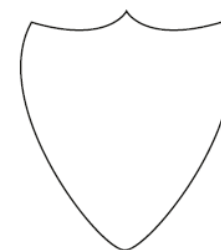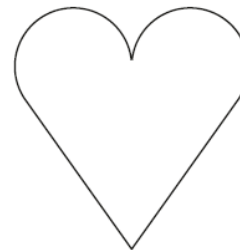How much does Sam spend **altogether**?

Show your working

p

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

Tick the shape that does **not** have a line of symmetry.

There are **55** cakes.

**20** boys and **19** girls each take a cake.
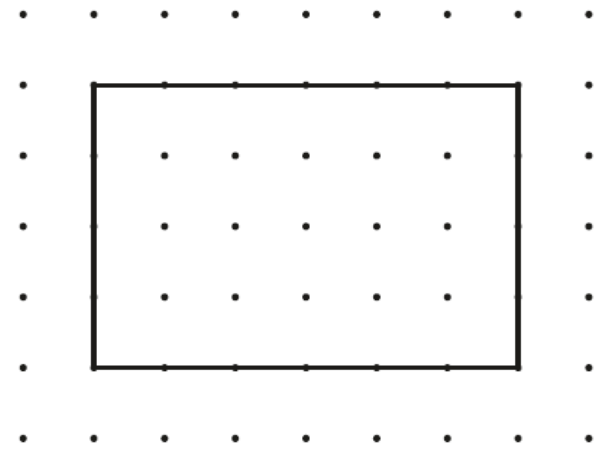
How many cakes are **left**?

Show your working

cakes

Draw lines to divide the rectangle into quarters.

Use the dots to help you.

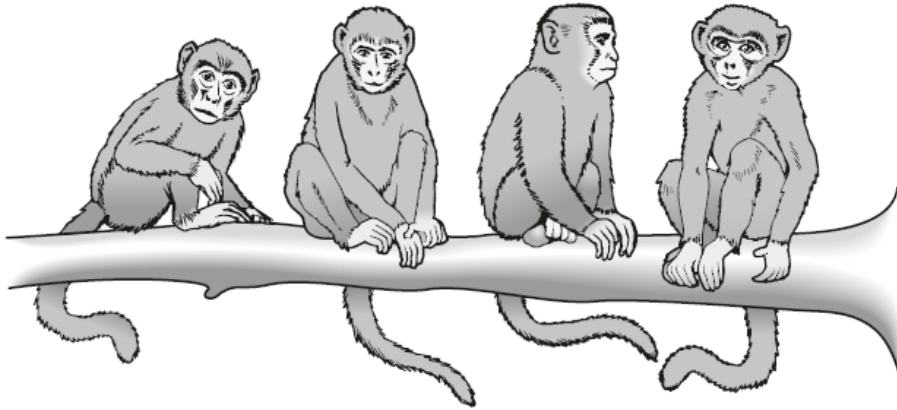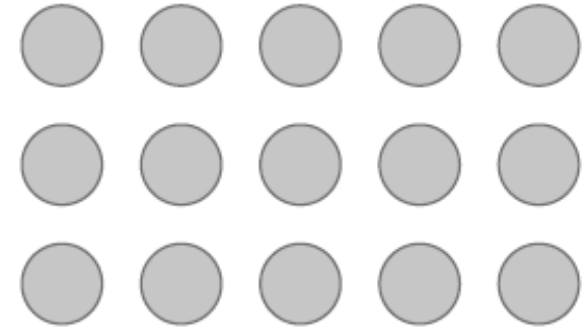Circle the **two** numbers that are even.

73          58

64          45

**20** bananas are shared equally among **4** monkeys.

How many bananas does **each** monkey get?
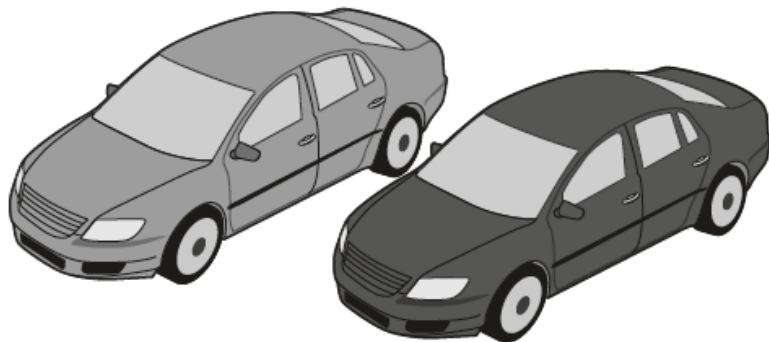
| |
|---|
| bananas |

$5 + 3$

$5 - 3$

$5 + 5$

$5 \times 3$

Ben and Sita count cars.

Ben counts **38** red cars.

Sita counts **23** blue cars.

How many cars do they count **altogether**?

cars

Fill in the missing numbers to make each pair of cards **total 17**

One pair is done for you.
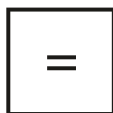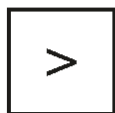
10 | 7

9 | 

 | 6

A game costs £25

Ben has £19

Jungle Game

£25

How much **more** money does Ben need to buy the game?

£

Here are some signs.    Write the correct sign in each box.

| > | < | = |

$10 + 5$ ☐ $10 \times 5$

$2 \times 6$ ☐ $6 + 6$

10 pencils

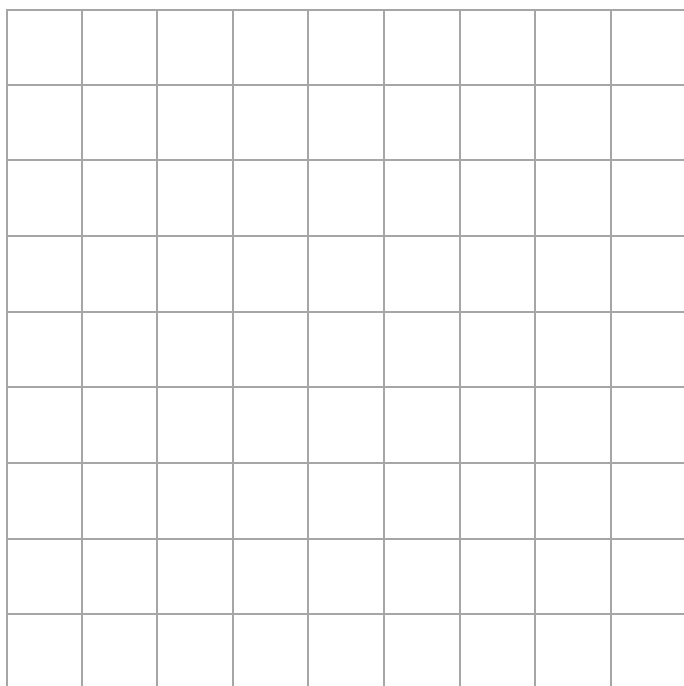20 pencils

5 pencils

5 pencils

10 pencils

20 pencils

Kemi and Ben share these pencils equally.

How many pencils do they each get?

pencils

Draw a rectangle **7cm** long and **3cm** wide.

Use a ruler.

°C

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5      40      8

Use only these numbers to make a **different** number sentence each time.
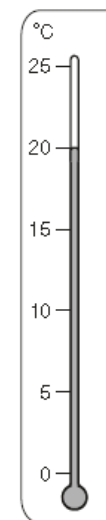
One is done for you.

5 × 8 = 40

☐ × ☐ = ☐

☐ ÷ ☐ = ☐

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Look at the thermometers.
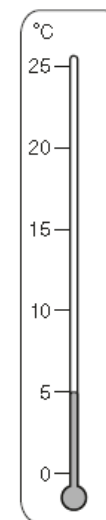


playground      classroom

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

How much lower?      °C

13  20 marbles

____ marbles

10   10      1    1
  10          1
10         1     1
   10          1
10        1
  10   10    1    1
  10        1

20                        30