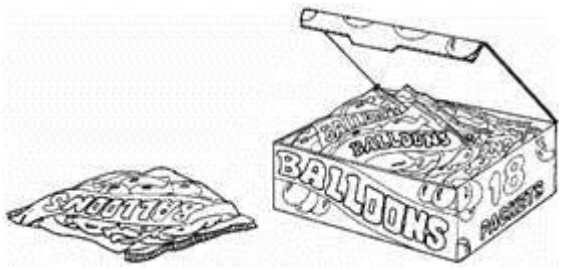
Year 4

Multiplication and Division Reasoning

Q1.

There are **5 balloons** in a **packet**.

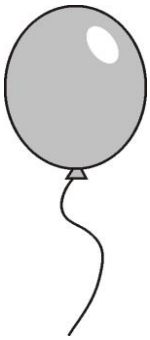
There are **18 packets** in a **box.**



How many balloons are there altogether in a **box?**

1 mark

There are 5 balloons in a packet.



Kofi needs **65 balloons**.

How many **packets** does he need?

1 mark

Q2.

Write in the missing number.

 ÷ 4 = 23

1 mark

Q3.

What is the remainder when you divide **53** by **8**?

remainder

1 mark

Q4.

A group of friends earns £80 by washing cars.

They share the money **equally**.

They get £16 each.

How many friends are in the group?

1 mark

Q5.

Each of these bags contains **£1.60**

Each bag contains only one type of coin.

Complete this table to show how many coins are in each bag.

One has been done for you.

Type of coin	Number of coins
1p	**160**
10p	
20p	

1 mark

Q6.

Alan has **45 beans**.

He plants **3 beans** in each of his pots.

How many pots does he need?

pots

1 mark

Leila puts **4 seeds** in each of her pots.

She uses **6 pots** and has **1 seed** left over.

How many seeds did she start with?

1 mark

Q7.

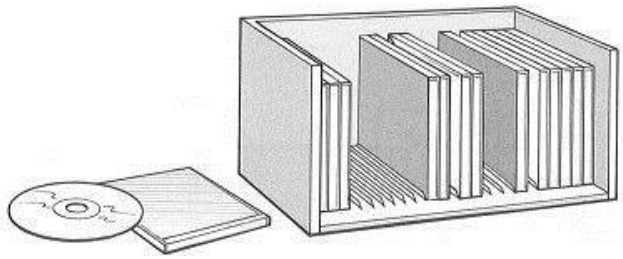
Write the correct sign =, > or < in each circle.

9 × 3	◯	8 × 4
9 – 3	◯	8 – 4
9 + 3	◯	8 + 4
9 ÷ 3	◯	8 ÷ 4

2 marks

Q8.

Here is a CD rack.



One rack holds **25** CDs.

David has **83** CDs.

How many racks does he need to hold **all** his CDs?

1 mark

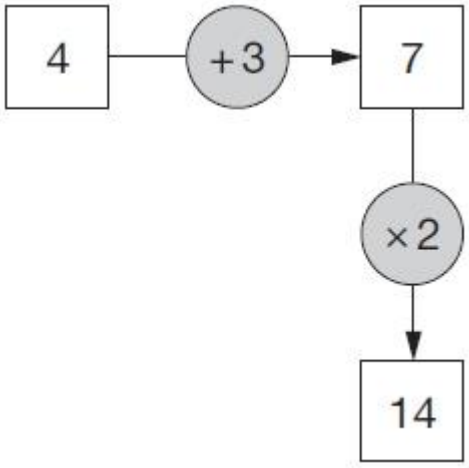
Lin has **6** racks **full** of CDs.

How many CDs does Lin have altogether?

1 mark

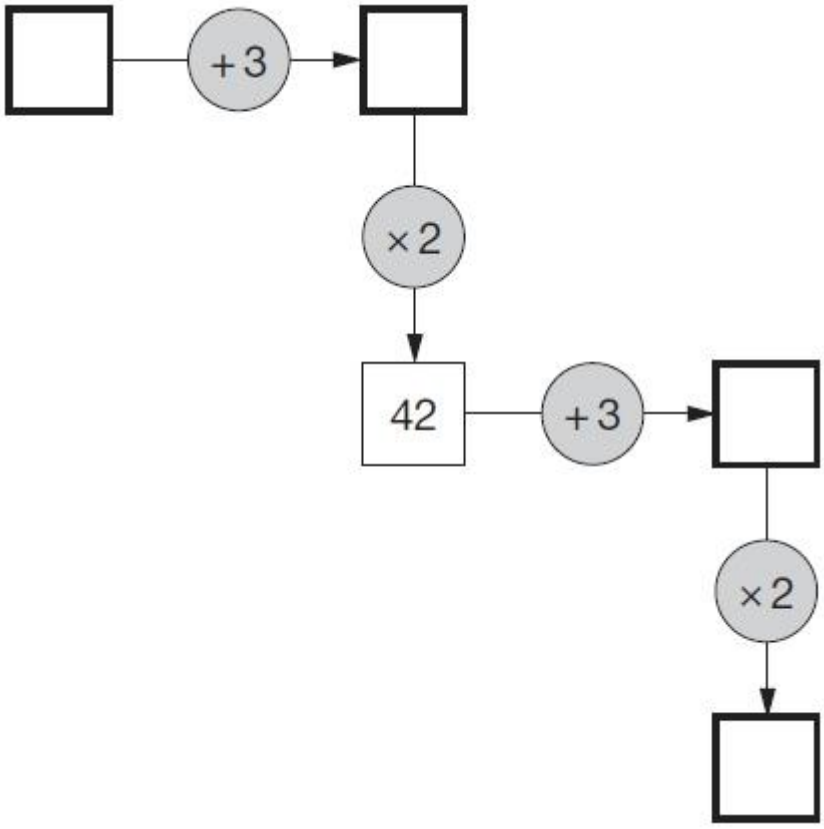
Q9.

Here is a number machine.



Here is another number machine.

Write the four missing numbers.

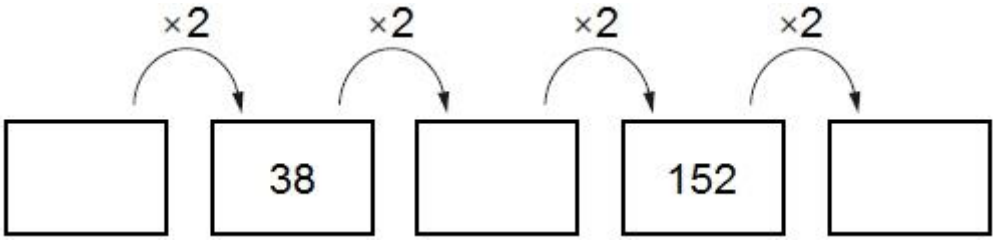


2 marks

Q10.

Here is a doubling sequence.

Write the three missing numbers.

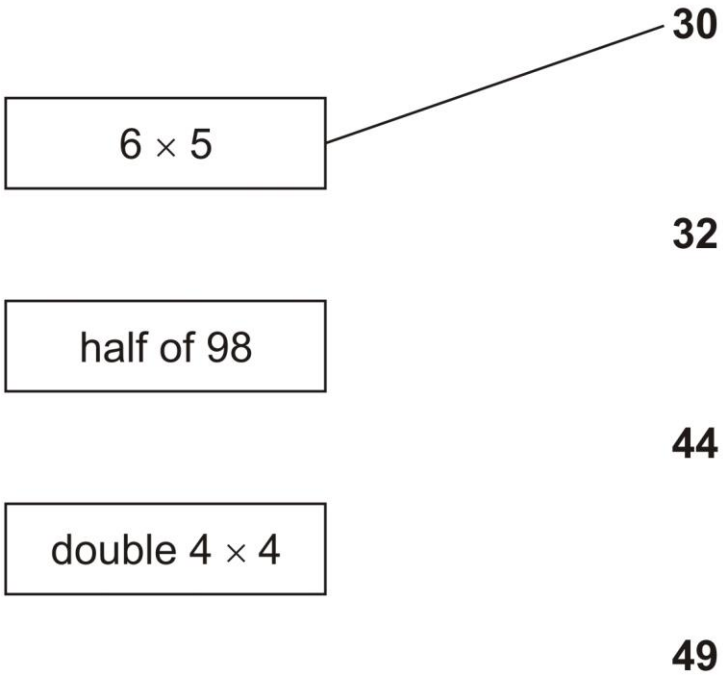


2 marks

Q11.

Join each box to the correct number.

One has been done for you.



1 mark

Q12.

Plastic cups are sold in packs of 8

Amir needs 27 cups.

How many packs must he buy?

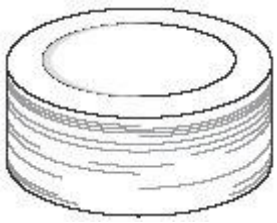
packs

1 mark

There are 30 paper plates in a pack.

Amir buys 2 packs.

He uses 37 plates.



How many plates are left?

plates

1 mark