Use the CUBS problem solving method to solve these addition and subtraction word problems.

REMEMBER TO USE CUBS!

C — Circle important numbers

U — Underline the question you need to answer.

B — Box key math words.

S — Solve and double-check your work.

If you usually work with Mrs Barker or Mrs Seagrave, complete Task 1.

Everyone else, begin with Task 2 and if you fancy a challenge, complete Task 3!

Task 1

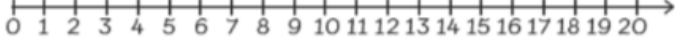**1** Find the difference between 15 and 4.

15 ⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛

4 ⬛⬛⬛⬛

☐ ◯ ☐ = ☐

The difference between 15 and 4 is ☐.

2 Find the difference between 17 and 8.

17 ⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛⬛

8 ⬛⬛⬛⬛⬛⬛⬛⬛

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

☐ ◯ ☐ = ☐

The difference between 17 and 8 is ☐.

3 11 basketballs are in a basket.
9 footballs are in the same basket.
How many balls are there in the basket?

☐ ◯ ☐ = ☐

There are ☐ balls in the basket.

4 There are 15 beads in a string of beads.
8 of the beads are black and the rest are white.
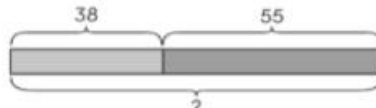How many white beads are there in the string of beads?
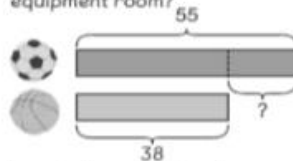
☐ ◯ ☐ = ☐

There are ☐ white beads in the string of beads.

Task 2

1 There are 38 basketballs and 55 footballs in the equipment room.
(a) How many basketballs and footballs are there altogether?

38   55

?

☐ + ☐ = ☐

There are ☐ basketballs and footballs altogether.

(b) How many more footballs than basketballs are there in the equipment room?

55

⚽

🏀

?

38

☐ – ☐ = ☐

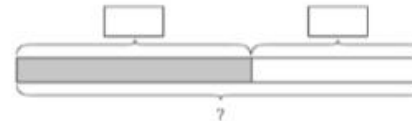There are ☐ more footballs than basketballs in the equipment room.

2 A baker baked 46 cheese buns and some chocolate buns.
He baked 17 more cheese buns than chocolate buns.
(a) How many chocolate buns did the baker bake?

46

cheese

chocolate   17

?

☐ – ☐ = ☐

The baker baked ☐ chocolate buns.

(b) How many cheese buns and chocolate buns did the baker bake altogether?

☐   ☐

?

☐ + ☐ = ☐
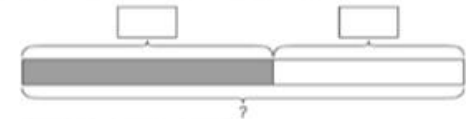
The baker baked ☐ cheese buns and chocolate buns al

3 Ravi had some marbles.
He gave 16 marbles to Charles and 24 marbles to Elliott.
He then had 33 marbles left.
(a) How many marbles did Ravi give away altogether?

☐   ☐

?

☐ ◯ ☐ = ☐

Ravi gave away ☐ marbles altogether.

(b) How many marbles did Ravi have at first?

☐   ☐

?

☐ ◯ ☐ = ☐

Ravi had ☐ marbles at first.

4 Holly has 34 beads.
She has 27 fewer beads than Emma has.
(a) How many beads does Emma have?

☐

Holly ☐   ☐

Emma

?

☐ ◯ ☐ = ☐

Emma has ☐ beads.

(b) How many beads do Holly and Emma have altogether?

☐   ☐

?

☐ ◯ ☐ = ☐

Holly and Emma have ☐ beads altogether.

Task 3

1 The total mass of a basket of mangoes and a basket of pears is 89 kg.
The basket of mangoes is 25 kg heavier than the basket of pears.
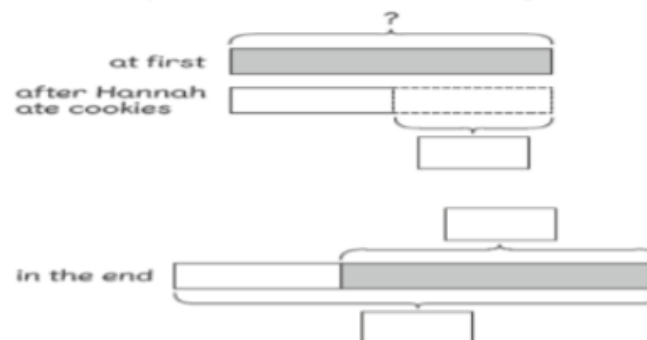What is the mass of the basket of pears?

mangoes [_____] ⎫
                          ⎬ 89
pears [_____ | 25] ⎭
            ?

☐ − ☐ = ☐

☐ + ☐ = ☐

The mass of the basket of pears is ☐ kg.

2 There were some cookies in a jar.
Hannah ate 13 of them.
Emma put another 28 cookies into the jar.
In the end, there were 42 cookies left in the jar.
How many cookies were there in the jar at first?

                        ?
at first   [_____]
after Hannah
ate cookies   [_____ | ___]
                            [___]

in the end   [_____ | _____]
                              [___]

☐ ◯ ☐ = ☐

☐ ◯ ☐ = ☐

There were ☐ cookies in the jar at first.

3 There are 16 boys and 19 girls in Class 1A.
There are 2 more boys and the same number of girls in Class 1B. How many pupils are there in Class 1B?

4 Look at the picture below. What is the mass of the parcel?