The School Feast

To solve problems involving quantities and measures.

1

Red Class baked 18 buns and only 6 were eaten.

How many buns were left?

2

Blue Class mixed 18 litres of drinks. After the feast, there were 15 litres left.
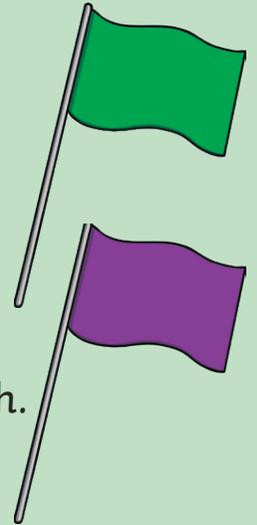
How many litres were drunk at the feast?

BUBBLES
fizzy pop

3

All the classes made flag poles to fly their flag on. Green Class' pole was 12 metres higher than Purple Class'. Purple Class' pole was 6 metres high.

How high was Green Class' pole?

4

The fastest runner in the school ran the cross country in 13 minutes. The next person took 18 minutes.
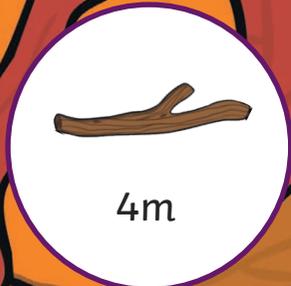
How much faster was the winner?

The School Feast

5 How many kilos do the ingredients weigh in total?

Scale 1: 0kg, 12kg, 4kg, 8kg

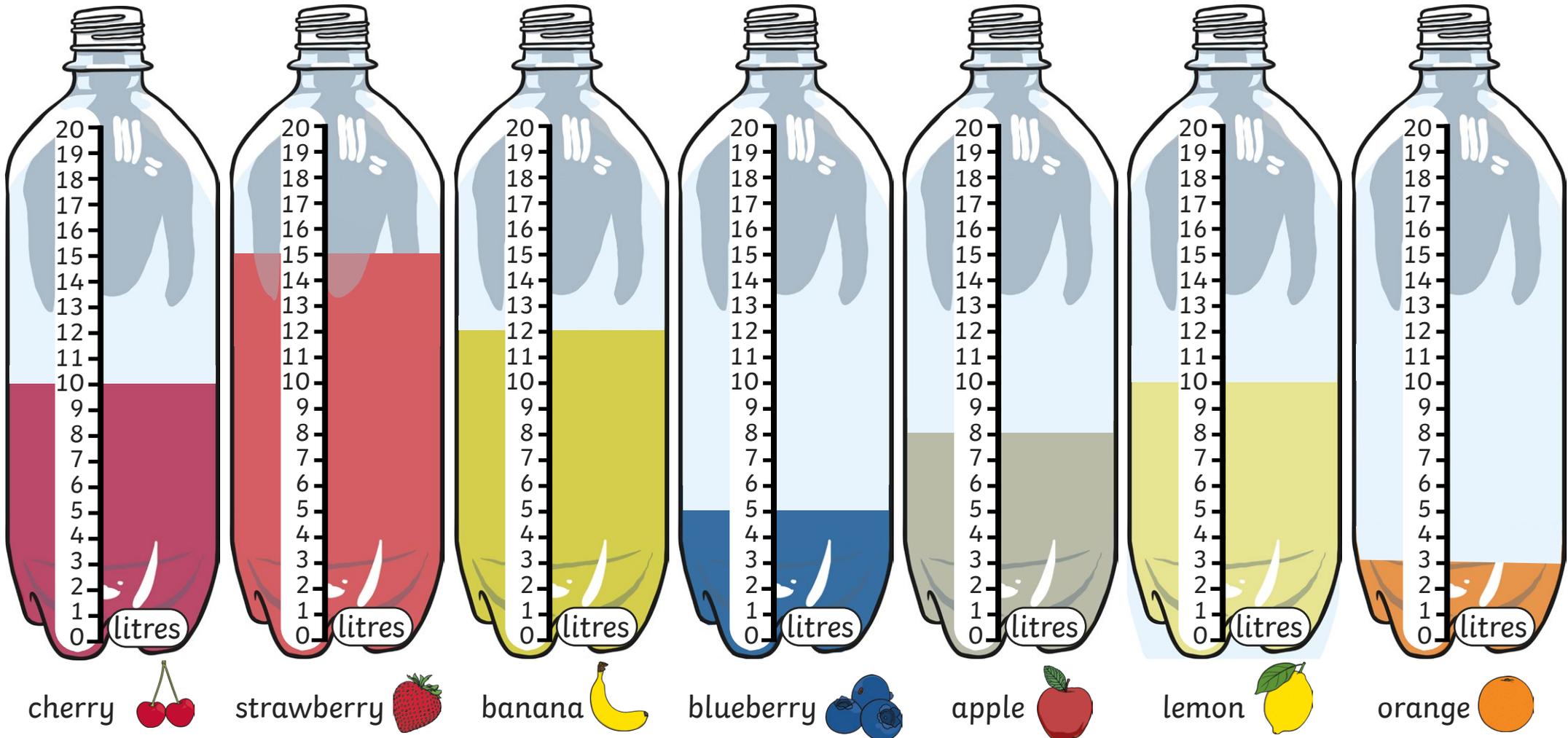Scale 2: 0kg, 12kg, 4kg, 8kg

Scale 3: 0kg, 12kg, 4kg, 8kg

6 In the flagpole competition, the classes used 3 sticks.

They had to make the combined height of the sticks as close to 12m as possible.

Which 3 sticks should they choose? Find 2 different solutions.

5m   4m   6m   9m   3m   2m

The School Feast

How many different drinks of 20 litres can you create?

Can you make up names for your new flavours?

cherry	strawberry	banana	blueberry	apple	lemon	orange
litres	litres	litres	litres	litres	litres	litres

Answers

1. **12 buns left**

2. **3 litres**

3. **18m**

4. **5 minutes faster**

5. **16kg**

6. **6m, 4m, 2m**
   5m, 4m, 3m

7. **Possibilities include:**
   Strawberry and blueberry
   15 litres + 5 litres

   Lemon and cherry
   10 litres + 10 litres

   Banana and apple
   12 litres + 8 litres

The School Feast

To solve problems involving quantities and measures.
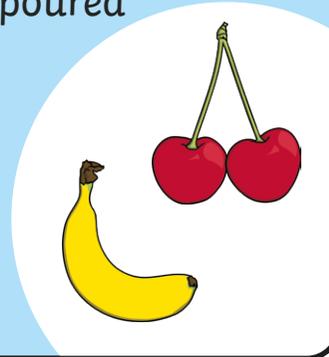
1

Red Class baked 16 buns. After the feast, there were 4 left.
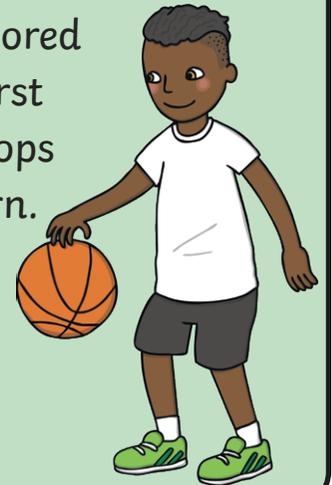
How many buns were eaten during the feast?

2

Blue Class used 8 litres of cherry, mixed with 5 litres of banana to make 'banerry' flavour. They poured it into a 20 litre bottle. **How much space is there left in the bottle?**

3

In the basket ball challenge, Ben scored 8 hoops on his first turn, then 13 hoops on his second turn.

How many more hoops did he get with his second score?

4

The fastest runner in the school ran the cross country in 14 minutes. The next person took 5 minutes longer.
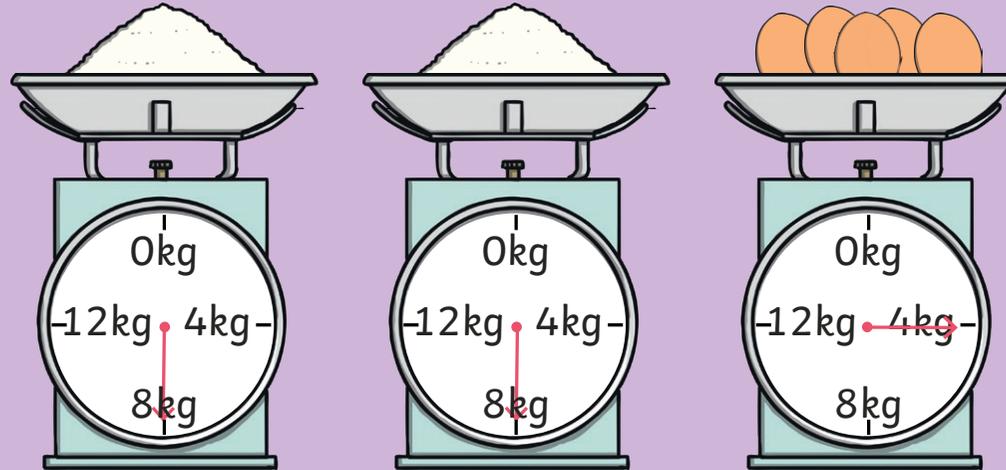
**How long did it take the second person to run the cross country?**

The School Feast

5 How many kilos do the ingredients weigh in total?

0kg 12kg 4kg 8kg

0kg 12kg 4kg 8kg

0kg 12kg 4kg 8kg

6 In the flagpole competition, the classes used 3 sticks.

They had to make the combined height of the sticks as close to 16m as possible.

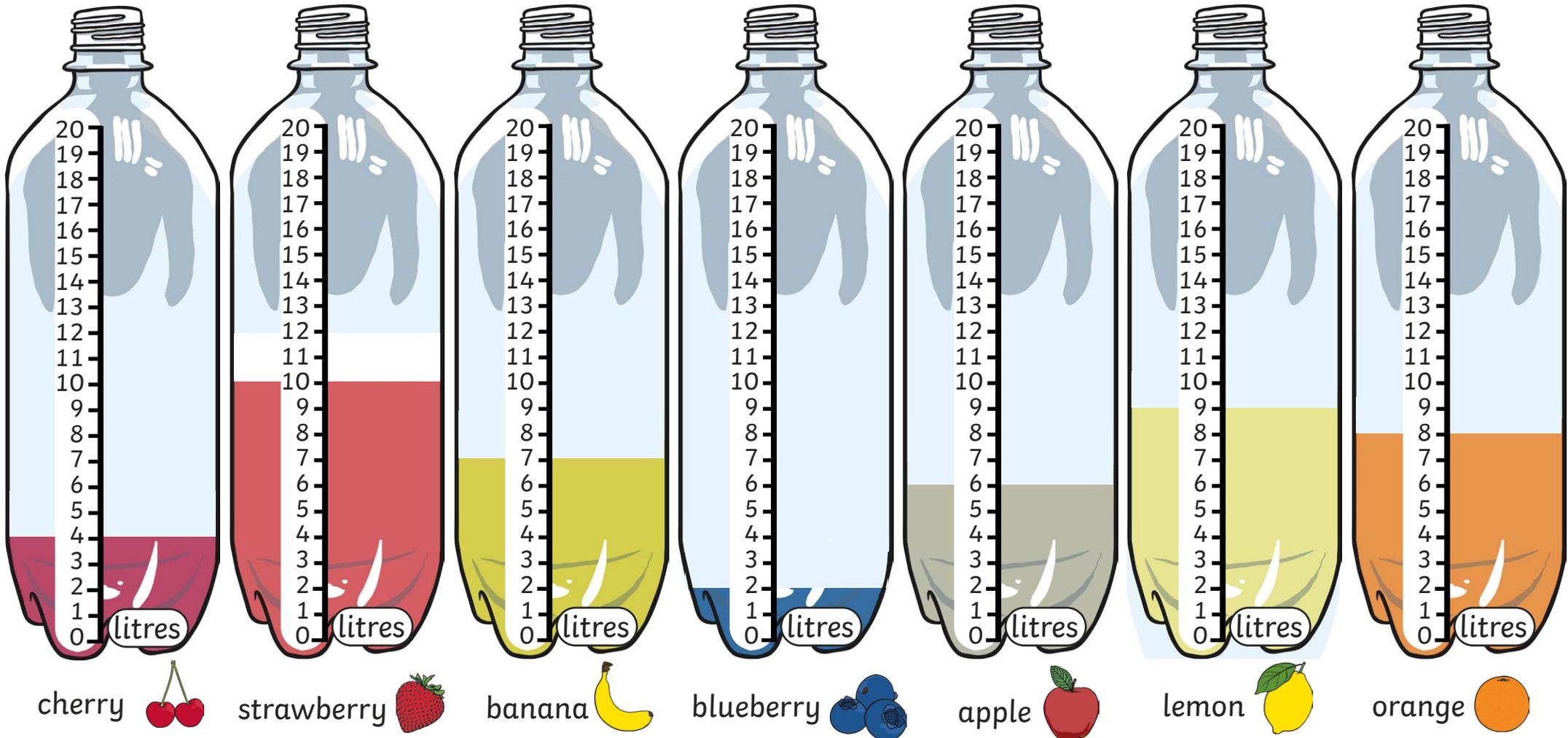**Which 3 sticks should they choose? Find 3 different solutions.**

7m

6m

8m

3m

5m

4m
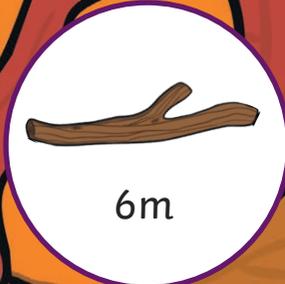
The School Feast

How many different drinks of 20 litres can you create with 3 flavours?

Can you make up names for your new flavours?

| 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| litres | litres | litres | litres | litres | litres | litres |

cherry   strawberry   banana   blueberry   apple   lemon   orange

Answers

1. 12

2. 7 litres

3. 5 more hoops

4. 19 minutes

5. 20kg

6. Possibilities include:
   5m + 7m + 4m
   7m + 3m + 6m
   5m + 3m + 8m

7. Possibilities include:
   10 litres + 8 litres + 2 litres

   9 litres + 4 litres + 7 litres

   10 litres + 6 litres + 4 litres

The School Feast

To solve problems involving quantities and measures.

1

In Red Class, Anisa baked 7 buns and Erno baked 6 buns. After the feast, there were 2 buns left.
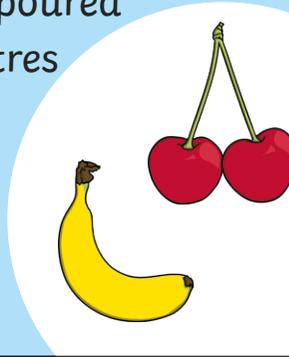
How many buns were eaten during the feast?

2

Blue Class used 8 litres of cherry, mixed with 7 litres of banana to make 'banerry' flavour. They poured it into a 20 litres bottle.

How much space is there left in the bottle?

3

In the basket ball challenge, Ben scored 12 hoops on his first turn. He scored 7 more hoops on his second turn.
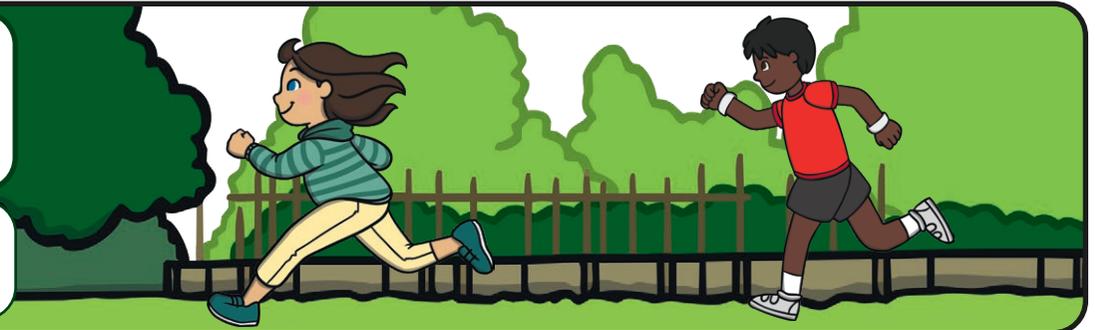
What was his total score?

4

Three members of Blue Class ran the 100m relay in 20 seconds. The 1st runner took 6 seconds and the 2nd runner took 7 seconds.
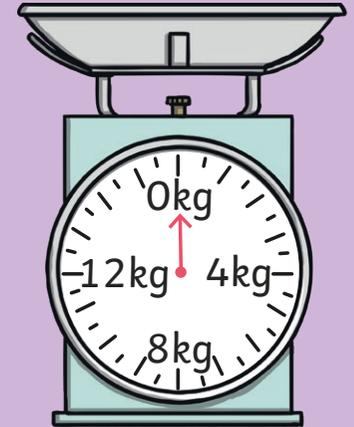
How long did the 3rd runner take?

The School Feast

5

Ben needs 20kg of ingredients. **How much butter does he need to add?**
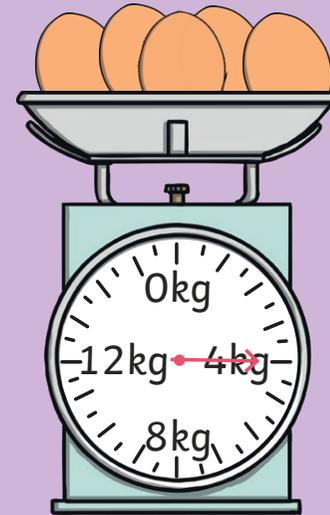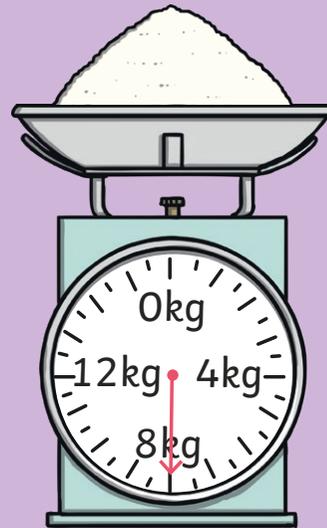
0kg 12kg 4kg 8kg

0kg 12kg 4kg 8kg

0kg 12kg 4kg 8kg

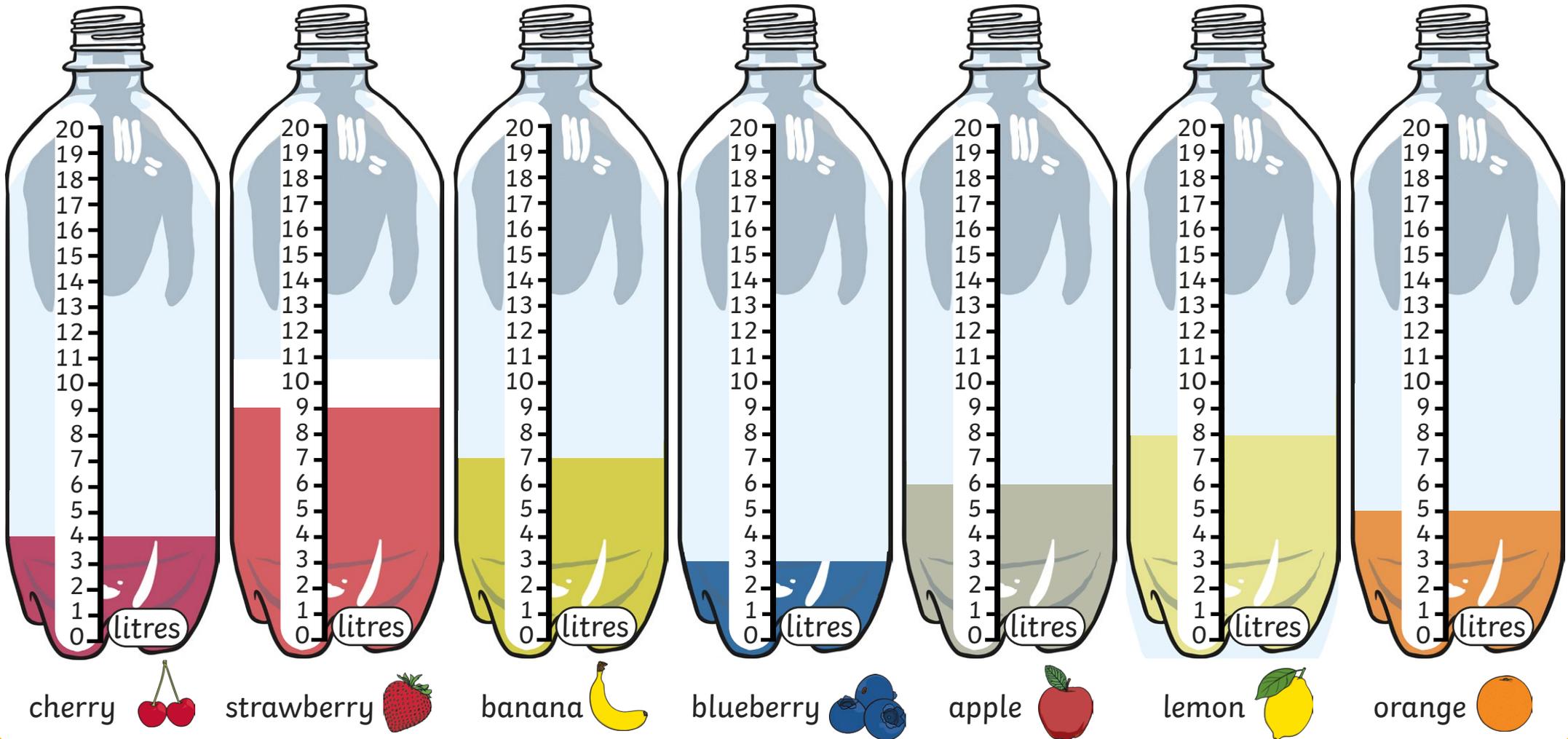0kg 12kg 4kg 8kg

6

In the flagpole competition, the classes used 3 sticks.

They had to make the combined height of the sticks as close to 20m as possible.

Which 3 sticks should they choose? Find 3 different solutions.
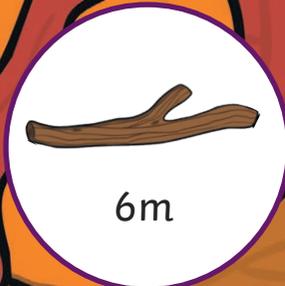
7m

6m

8m

9m

5m

4m

The School Feast

How many different drinks of 20 litres can you create?

Can you make up names for your new flavours?

20	20	20	20	20	20	20
19	19	19	19	19	19	19
18	18	18	18	18	18	18
17	17	17	17	17	17	17
16	16	16	16	16	16	16
15	15	15	15	15	15	15
14	14	14	14	14	14	14
13	13	13	13	13	13	13
12	12	12	12	12	12	12
11	11	11	11	11	11	11
10	10	10	10	10	10	10
9	9	9	9	9	9	9
8	8	8	8	8	8	8
7	7	7	7	7	7	7
6	6	6	6	6	6	6
5	5	5	5	5	5	5
4	4	4	4	4	4	4
3	3	3	3	3	3	3
2	2	2	2	2	2	2
1	1	1	1	1	1	1
0 litres	0 litres	0 litres	0 litres	0 litres	0 litres	0 litres
cherry	strawberry	banana	blueberry	apple	lemon	orange

Answers

1. 11 buns eaten

2. 5 litres

3. 19 hoops

4. 7 seconds

5. 4kg

6. Possibilities include:
   9m + 5m + 6m
   9m + 7m + 4m
   8m + 7m + 5m

   Possibilities include:
   Strawberry, apple and orange

   9 litres + 6 litres + 5 litres

   Lemon, banana and orange

   8 litres + 7 litres + 5 litres

   Apple, cherry, banana and blueberry

7. 6 litres + 4 litres + 7 litres + 3 litres