## Ämnesprov, läsår 2017/2018

## Mathematics

## Part B

Årskurs


The pupil's name and class/group

1. Nova and Troj count the newborn animals. They write the numbers in a table.
a) Use the table to complete the bar chart.

## Table

| Newborn animals | Total |
| :--- | :--- |
| Puppies | II\\| |
| Calves | HH \| |
| Lambs | II\\| |
| Kittens | HH III |
| Foals | II |

## Bar chart


b) Which newborn animal do they have the most of?

Answer: $\qquad$
c) One of the following statements is true. Tick the correct statement.The calves are three fewer than the kittens.The puppies are twice as many as the foals.
$\square$ Together, the lambs and the foals are as many as the calves.
2. This table shows the number of adult animals on the farm:

Table

| Animals | Total |
| :--- | :---: |
| Cows | 30 |
| Horses | 5 |
| Sheep | 10 |
| Pigs | 15 |

a) Use the table to complete the pie chart.

b) How many adult animals are there altogether on the farm?

Answer: $\qquad$
c) How many more pigs than horses are there on the farm?

Answer:
3. Which colour is there the greatest chance of getting?

Answer: $\qquad$
Explain why.

4. These are two different types of chocolate wheels.


Chocolate wheel A


Chocolate wheel B

On which chocolate wheel do you have the greatest chance of winning chocolate?

Answer: $\qquad$
Explain why.
5.


In which lottery do you have the greatest chance of winning?
Answer: $\qquad$
Explain why.
6. Nova is getting an ice cream. There are three flavours. She wants two different flavours for her ice cream. What combinations can she choose? Colour in the ice cream scoops.

Phocolate
7. These are the marbles in Troj's bag.


Troj takes out a marble without looking.


Which colour is he most likely to get?
One of the following statements is true. Tick the correct statement.He is more likely to get a red marble than a yellow marble.
$\square \mathrm{He}$ is more likely to get a blue marble than a red marble.
$\square$ He is equally likely to get a blue marble, a red marble or a yellow marble.

