

On the farm! (Grades 1–2)

Instructions for teacher:

Subjects: English, mathematics

Materials: Pencil, colored pencils, and worksheets.

Copying instructions: One piece for each student.

Lesson consists of a colouring task that is about farm. Students are instructed to color the animals in the picture. Animals of the same type should all be coloured in the same way. For example cats could be colored red and dogs green. After colouring students should gather up the number of animals in the table. *In addition, second-graders should answer the picture-related questions.* The teacher should check the table and answers to the questions. *If there is time, bingo could be played at the end of the lesson.*

Solutions to the tasks:

Topic of the colouring task: On the farm

There will be following animals in the picture. The number of animals is in brackets.

- Cats (6)
- Dogs (5)
- Mice (12)
- Chickens (7)
- Cows (1)
- Horses (2)
- Pigs (3)
- Sheep (4)
- Pullets (10)
- Crows (3)

Questions for second-graders:

- How many different animals are there in the picture? (10 different animals)
- Which type of animal appears most often in the picture? (Mice)
- Which type of animal appears least often in the picture? (Cows)
- How many birds can be found in the picture? (20 birds in total)
- Order horses, dogs, mice and chicken according to their physical size from smallest to largest. (Mice, chicken, dogs and horses)
- Order horses, dogs, mice and chicken according to how often they appear from least to most often. (Horses, dogs, chicken and mice)

Instructions for Bingo:

Instruct students to draw a 3x3 grid, and enter 9 whole numbers between 1 and 15, inclusive. Point out that each number may appear only once in the grid. If the students are playing bingo for the first time, explain the rules of bingo. The teacher asks picture-related questions (see below), with whole number answers between 1 and 15. If a number that is an answer to the question can be found in the student's grid, he can enter a cross at that number. When a student receives three consecutive crosses in a horizontal, vertical or diagonal line, he gets bingo. In this case the student must yell BINGO! The one who does so correctly wins. If there is some time left, bingo can be continued.

Questions for Bingo:

- How many animals are there for the type of animal that appears most often in the picture? (12)
- How many pigs can be found in the picture? (3)
- How many cats can be found in the picture? (6)
- How many animals are there for the type of animal that appears least often in the picture? (1)
- How many dogs can be found in the picture? (5)
- How many horses can be found in the picture? (2)
- How many cats and dogs are there in the picture altogether? (11)
- How many sheep can be found in the picture? (4)
- How many chickens can be found in the picture? (7)
- How many chickens and cows are there in the picture altogether? ($1+7=8$)
- How many horses, cows, and mice are there in the picture in total? ($2+1+12=15$)
- How many different types of animal are there in the picture? (10)
- How many pullets and pigs has the picture altogether? ($10+3=13$)

Contact address:
Tilastokeskus
opiksi@tilastokeskus.fi

20.10.2010
World Statistics Day



Service · Professionalism · Integrity

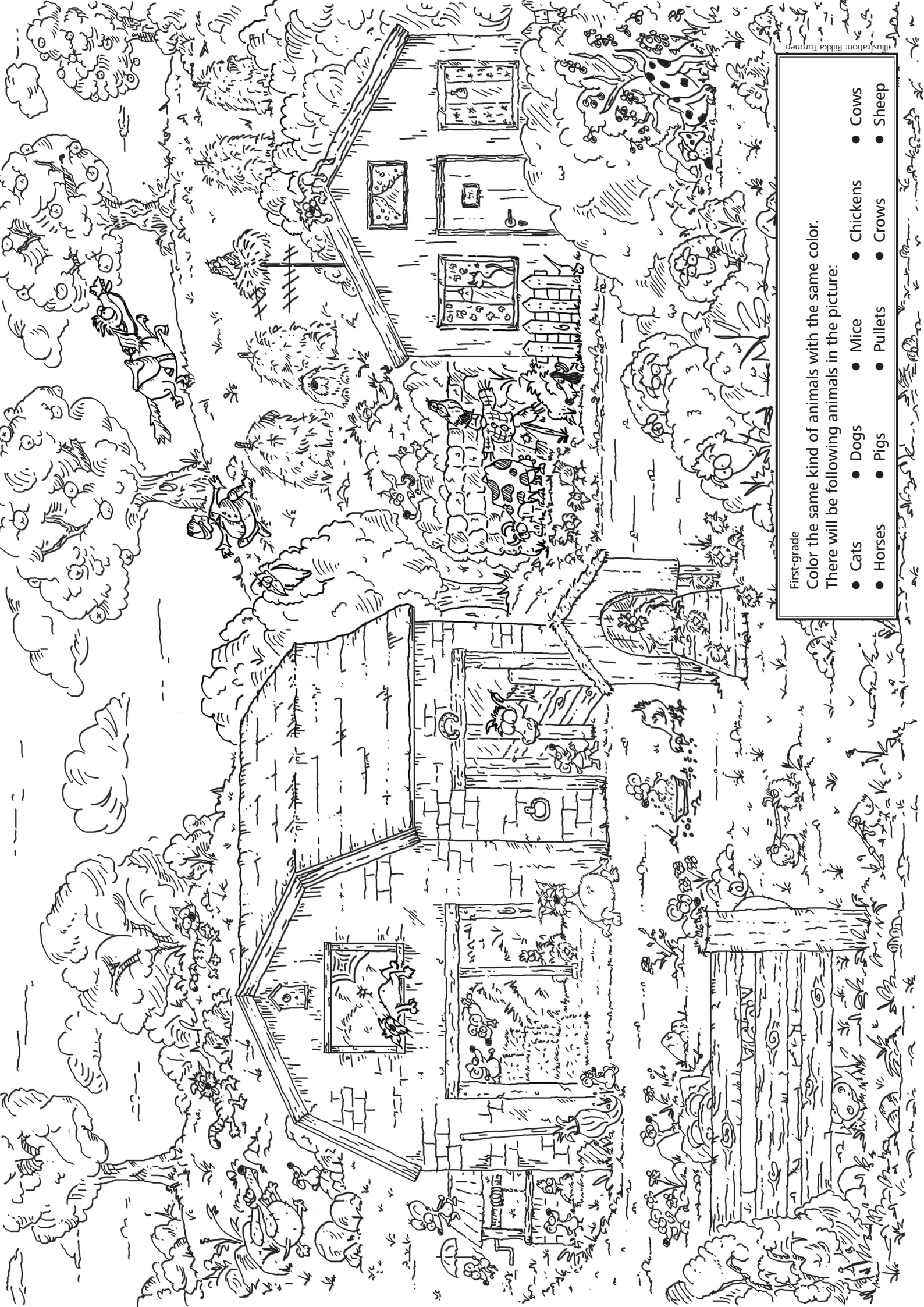
First-grade

How many animals can you find in the picture?

Write the number of animals in the table.

Animals and their numbers

Animal	Number of animals
Cat	
Dog	
Mouse	
Chicken	
Cow	
Horse	
Pig	
Sheep	
Pullet	
Crow	
Animals in total	53



First-grade

Color the same kind of animals with the same color.
There will be following animals in the picture:

- Cats
- Dogs
- Mice
- Chickens
- Cows
- Horses
- Pigs
- Pullets
- Crows
- Sheep

Second grade

How many animals can you find in the picture?

Write the number of animals in the table.

Animals and their numbers

Animal	Number of animals
Cat	
Dog	
Mouse	
Chicken	
Cow	
Horse	
Pig	
Sheep	
Pullet	
Crow	
Animals in total	

Answer the questions that are related to the picture.

– How many different animals are there in the picture? _____

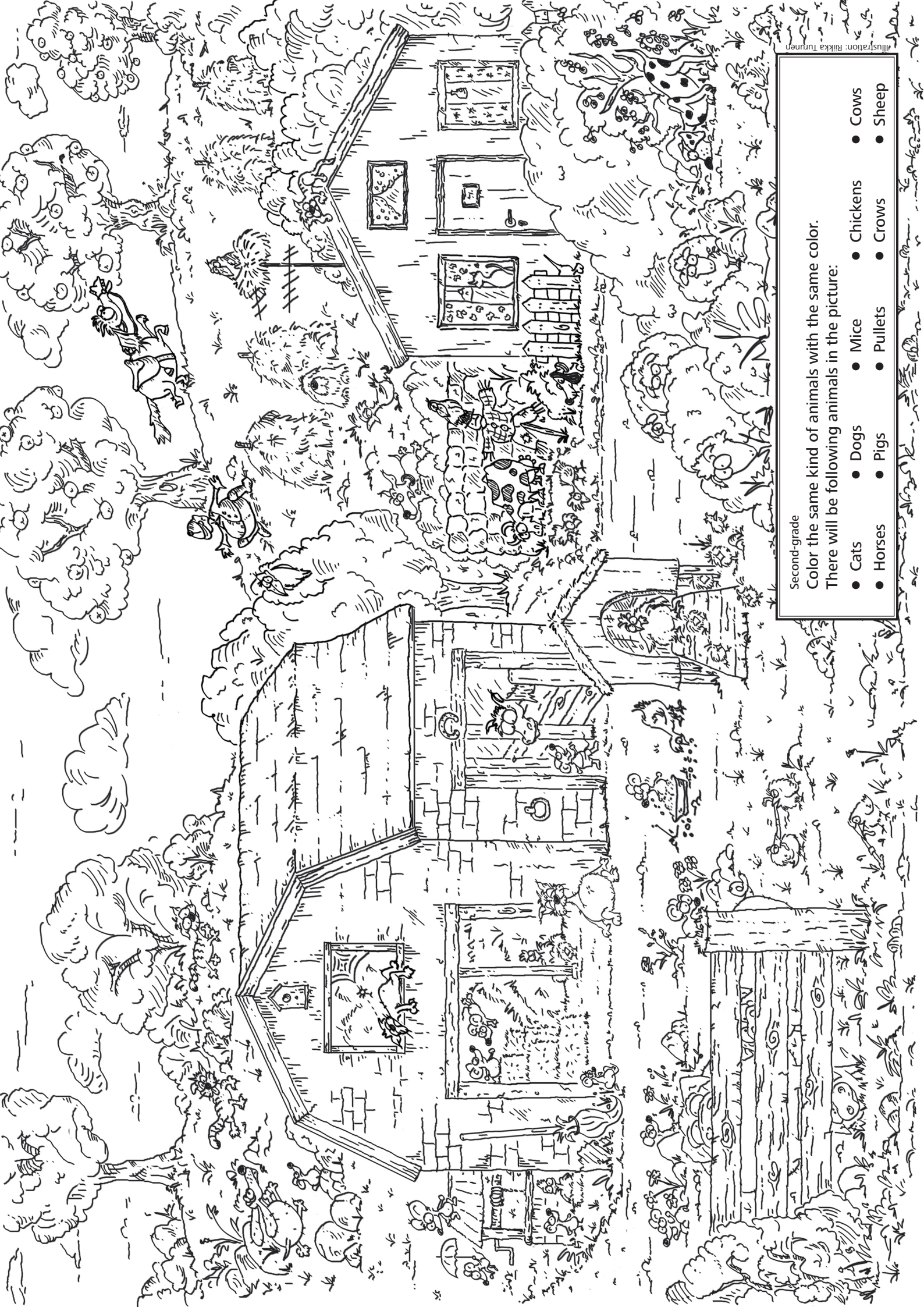
– Which animals appear most often in the picture? _____

– Which animals appear least often in the picture? _____

– How many birds can be found in the picture? _____

– Order horses, dogs, mice and chicken according to their physical size from smallest to largest. _____

– Order horses, dogs, mice and chicken according to how often they appear from least to most often. _____



Second-grade

Color the same kind of animals with the same color.
There will be following animals in the picture:

- Cats
- Dogs
- Mice
- Chickens
- Cows
- Horses
- Pigs
- Pullets
- Crows
- Sheep