

NCTM Process Standards Rubric



Data Analysis & Probability – Drill Sheets

Expectations Instructional programs from pre-kindergarten through grade 12 should enable all students to:	Drills																				
	Warm-up 1	Timed Drill 1	Timed Drill 2	Warm-up 2	Timed Drill 3	Timed Drill 4	Warm-up 3	Timed Drill 5	Timed Drill 6	Warm-up 4	Timed Drill 7	Timed Drill 8	Warm-up 5	Timed Drill 9	Warm-up 6	Timed Drill 10	Timed Drill 11	Review A	Review B	Review C	
GOAL 1: Problem Solving	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GOAL 2: Reasoning & Proof	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GOAL 3: Communication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GOAL 4: Connections	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GOAL 5: Representation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

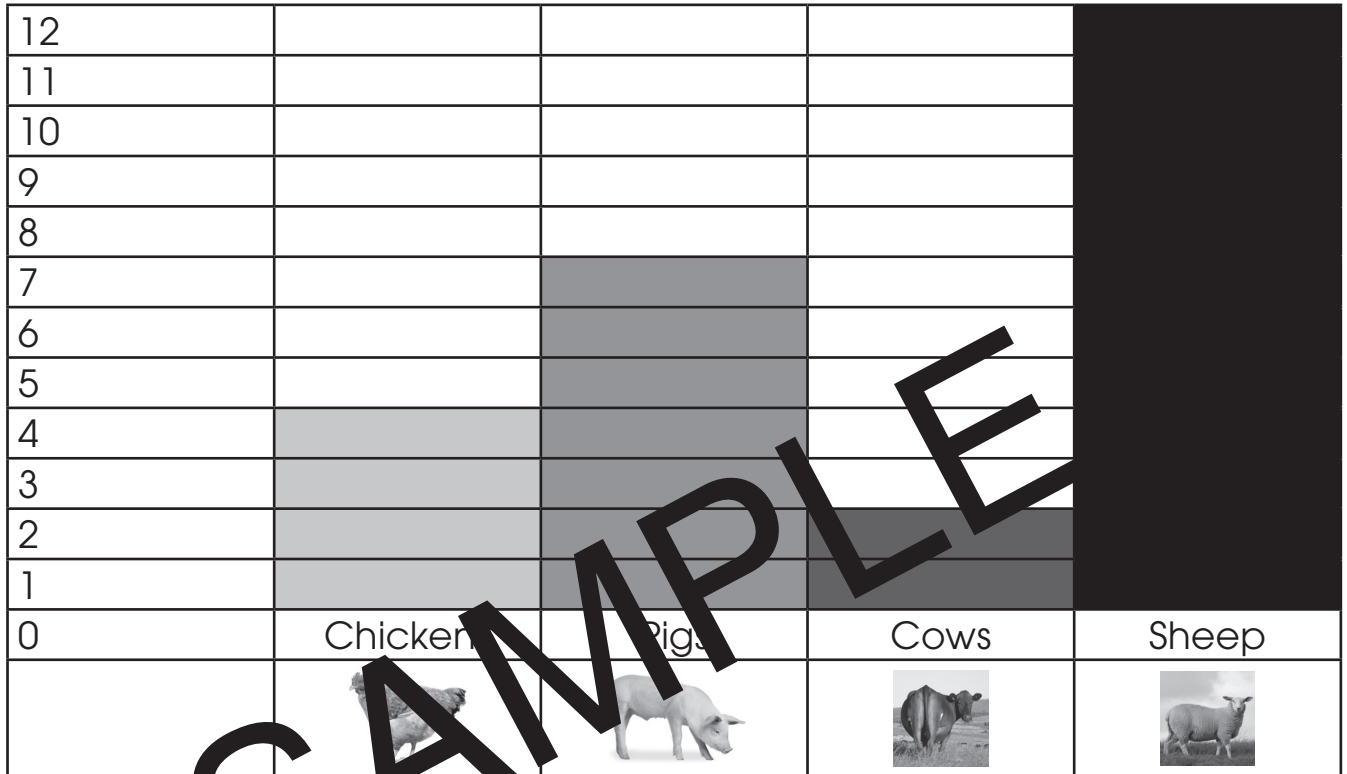
SAMPLE

NAME: _____



1a) The graph below shows how many animals were found on a farm.

Ex: How many chickens, pigs, and cows are on the farm? 13



SAMPLE

1. How many chickens are on the farm? _____
2. How many cows are on the farm? _____
3. How many pigs are on the farm? _____
4. How many sheep are on the farm? _____
5. How many more pigs are on the farm than cows? _____
6. Are there more chickens or cows? _____
7. Which animal is there the most of on the farm? _____
8. Which animal is there the least of on the farm? _____
9. How many animals are there altogether? _____
10. There are two more chickens than what animal? _____



Review A



a) The chart below shows the different cats found in a pet store.

Small Brown Cats	Large Brown Cats	Small Orange Cats	Large Orange Cats	Small Black Cats	Large Black Cats

SAMPLE

- How many cats are there in total?
- How many cats are orange?
- How many cats are black?
- How many cats are brown?
- How many cats are small?
- How many cats are large?
- How many cats are small and black?
- How many cats are large and orange?
- Which cat would most likely be chosen?
- Which cat is least likely to be chosen?

Always, Sometimes, Never



Always means it happens all the time. **Sometimes** means it happens often. **Never** means it does not happen. In the chart below, make a list of items you will always see in school in the first column. List the items you will sometimes see in school in the second column. List the items you will never see in school in the third column.

Always	Sometimes	Never
<h1>SAMPLE</h1>		