

Contents



TEACHER GUIDE

- NCTM Content Standards Assessment Rubric 4
- How Is Our Resource Organized? 5
- The NCTM Principles & Standards..... 6



STUDENT HANDOUTS

- Exercises
 - Warm-Up Drill 1 7
 - Timed Drill 1 (3 minutes) 8
 - Timed Drill 2 (3 minutes) 9
 - Warm-Up Drill 2..... 10
 - Timed Drill 3 (4 minutes) 11
 - Timed Drill 4 (2 minutes) 12
 - Warm-Up Drill 3..... 13
 - Timed Drill 5 (4 minutes) 14
 - Timed Drill 6 (3 minutes) 15
 - Warm-Up Drill 4..... 16
 - Timed Drill 7 (3 minutes) 17
 - Timed Drill 8 (5 minutes) 18
 - Warm-Up Drill 5..... 19
 - Timed Drill 9 (4 minutes) 20
 - Warm-Up Drill 6..... 21
 - Timed Drill 10 (3 minutes) 22
 - Timed Drill 11 (4 minutes) 23
- Review 24



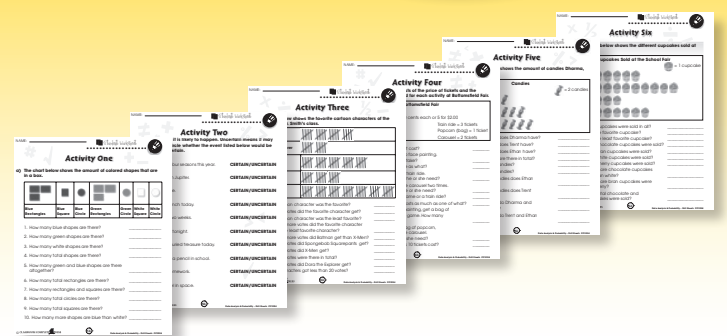
EASY MARKING™ ANSWER KEY 27

MINI POSTERS 30

✓ **6 BONUS Activity Pages!** Additional worksheets for your students

- Go to our website: www.classroomcompletepress.com/bonus
- Enter item CC3204
- Enter pass code CC3204D for Activity Pages.

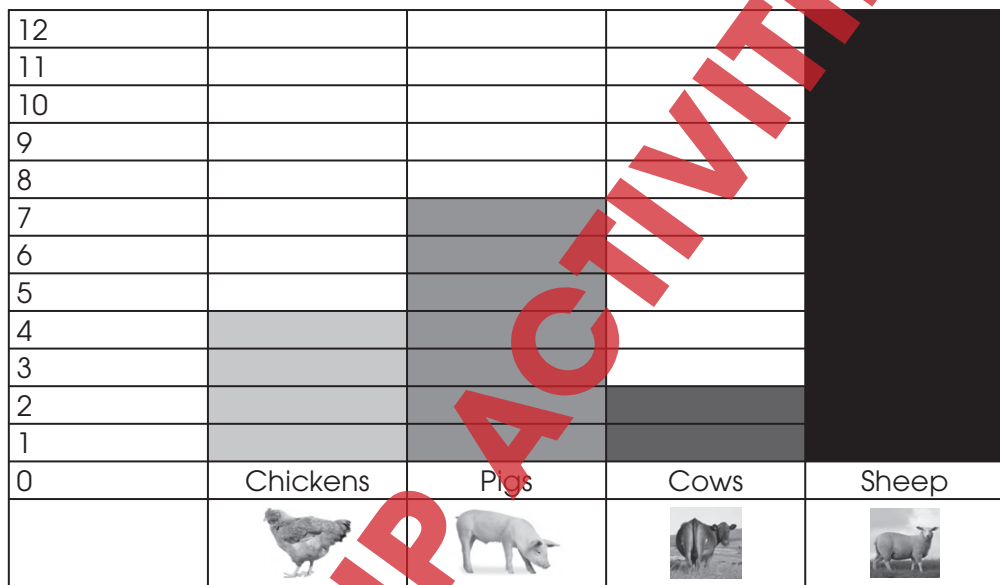
FREE!





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

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

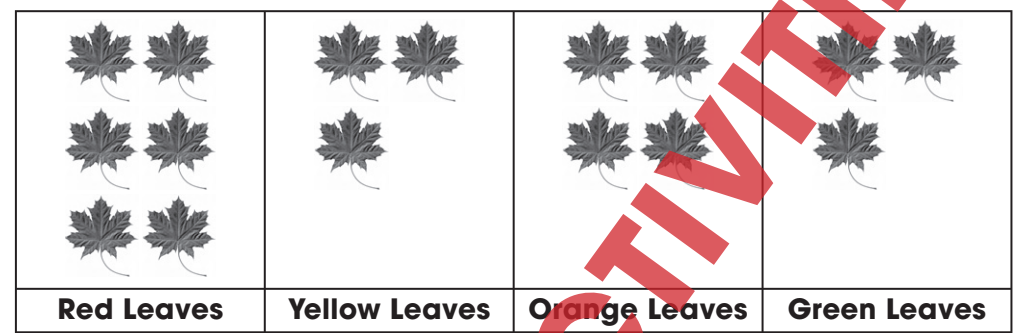


- How many chickens are on the farm? _____
- How many cows are on the farm? _____
- How many pigs are on the farm? _____
- How many sheep are on the farm? _____
- How many more pigs are on the farm than cows? _____
- Are there more chickens or cows? _____
- Which animal is there the most of on the farm? _____
- Which animal is there the least of on the farm? _____
- How many animals are there altogether? _____
- There are two more chickens than what animal? _____



4a) The table below shows the different colored leaves that John collected.

Ex: Is it more likely to pick a red or yellow leaf at random? _____



- How many total leaves are in the box? _____
- How many leaves are red? _____
- How many leaves are not green? _____
- How many leaves are either yellow or orange? _____
- What two colors have the same amount of leaves? _____
- How many more leaves are red than orange? _____
- How many more leaves are orange than green? _____
- Suppose you had two more yellow leaves. How many would you have? _____
- Suppose you pick a leaf at random. What color leaf would you most likely pull out? _____
- Suppose you pick a leaf at random. What color leaf would you least likely pull out? _____

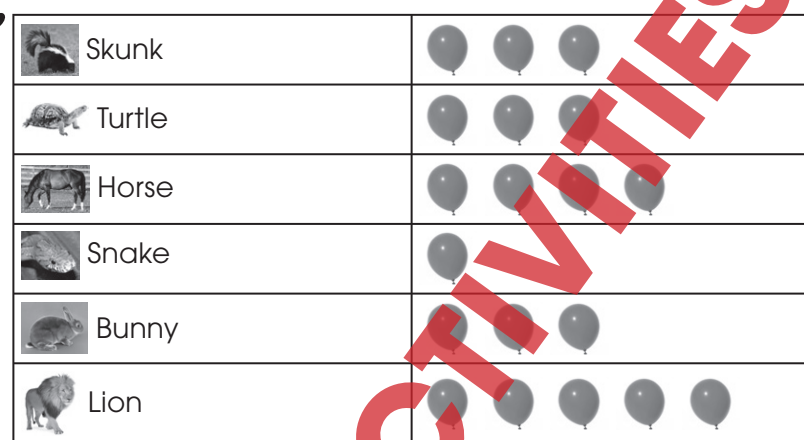


Suppose you have twice as many leaves in the box. How many will be red, yellow, orange and green?



2a) The chart below shows how many balloons would be needed to make each animal.

Ex: You can make how many skunks with 6 balloons? _____



- How many balloons were used for the skunk? _____
- How many balloons were used for the horse? _____
- You can make how many snakes with 3 balloons? _____
- How many more balloons were used to make one lion than one bunny? _____
- How many balloons were used for the snake? _____
- Which animal used the most balloons? _____
- Which animal used the least balloons? _____
- If you want to make a lion and turtle, how many balloons do you need? _____
- What animal would you make out of 4 balloons? _____
- How many balloons would it take to make 2 horses? _____

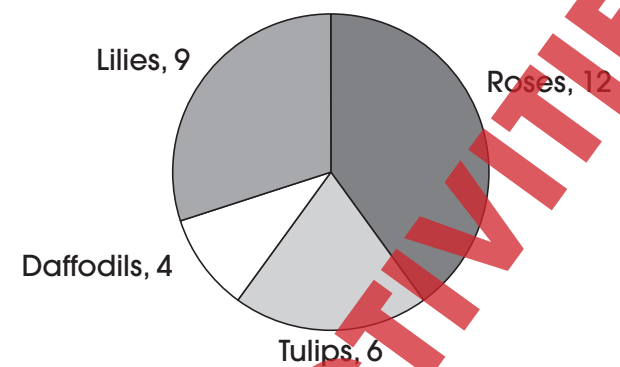


Add four other animals to this list. Determine how many balloons would be needed for each animal.



3a) The pie graph below shows the different types of flowers growing in a garden.

Ex: How many more roses are there than daffodils? _____



- How many different types of flowers are growing in the garden? _____
- Which flower is growing the most? _____
- Which flower is growing the least? _____
- There are ten of what two (2) flower types growing in the garden? _____
- There are twelve of what flowers in the garden? _____
- How many more roses are there than tulips? _____
- How many more lilies are there than daffodils? _____
- How many flowers are there altogether? _____
- How many lilies, daffodils, and tulips are there? _____
- Are there more lilies or tulips? _____



Using a paint or draw program on a computer, create the garden of flowers using the information from the pie graph above.



10a) The tally chart below shows the favorite pet of each student in Mrs. Li's class.



Dog = /////



Cat = /////



Fish = ///



Lizard = /



Hamster = ///

- How many total students voted? _____
- Which animal was chosen the least? _____
- Which animal was chosen the most? _____
- Which animals had the same number of votes? _____
- How many more students chose a hamster than lizard? _____
- How many students chose an animal that lives in the water? _____
- How many more students chose dogs instead of cats? _____
- How many students chose hamsters or fish? _____
- If two more students voted for dogs, how many votes would dogs get? _____
- Which two animals got more votes, dogs and fish, or cats and hamsters? _____

- 10.**
- a)
- 18 students voted
 - lizard
 - dog
 - fish and hamster
 - 2 more students
 - 3 students
 - 1 more student
 - 6 students
 - 8 votes
 - dogs and fish

- 11.**
- a)
- 8 children swim
 - play lacrosse
 - soccer
 - tennis
 - 6 more children
 - 6 children play lacrosse
 - 20 children play soccer or swim
 - lacrosse
 - play lacrosse
 - 8 children

- 13.**
- a)
- 20 coins
 - 5 pennies
 - 3 nickels
 - 7 more dimes
 - quarters
 - 2 less nickels
 - dime

- 14.**
- a)
- mint bar
 - gum
 - 10 cents
 - 25 cents
 - 10 cents
 - 30 cents
 - 15 cents more
 - candy stick, hot disc, or lemon disc
 - 20 cents more
 - mint bar

- 12.**
- a)
- 17 shapes
 - 17 shapes
 - 6 rectangles
 - 8 circles
 - 8 triangles
 - 18 shapes
 - square
 - square
 - circle or rectangle
 - triangle or rectangle

- quarter
- 12 dimes and quarters
- 8 pennies and nickels

EASY MARKING ANSWER KEY