

12 Days of Christmas

Word Problem Tasks

Name: _____

How many gifts were given on the third day of Christmas?

Work Space



Name: _____

How many gifts were given on each day? What pattern do you notice?

Work Space

Answer and Explanation



12 Days of Christmas

On the first day of Christmas
my true love sent to me:
A Partridge in a Pear Tree

On the second day of Christmas
my true love sent to me:
Two Turtle Doves
and a Partridge in a Pear Tree

On the third day of Christmas
my true love sent to me:
Three French Hens
Two Turtle Doves
and a Partridge in a Pear Tree

On the fourth day of Christmas
my true love sent to me:
Four Calling Birds
Three French Hens
Two Turtle Doves
and a Partridge in a Pear Tree

On the fifth day of Christmas
my true love sent to me:
Five Golden Rings
Four Calling Birds
Three French Hens
Two Turtle Doves
and a Partridge in a Pear Tree

On the sixth day of Christmas
my true love sent to me:
Six Geese a Laying
Five Golden Rings
Four Calling Birds
Three French Hens
Two Turtle Doves
and a Partridge in a Pear Tree



Repeated Addition & Multiplication



12 Days of Christmas

Word Problem Tasks



12 Days of Christmas

On the first day of Christmas
my true love sent to me:
A Partridge in a Pear Tree

On the second day of Christmas
my true love sent to me:
Two Turtle Doves
and a Partridge in a Pear Tree

On the third day of Christmas
my true love sent to me:
Three French Hens
Two Turtle Doves
and a Partridge in a Pear Tree


On the fourth day of Christmas
my true love sent to me:
Four Calling Birds
Three French Hens
Two Turtle Doves
and a Partridge in a Pear Tree

On the fifth day of Christmas
my true love sent to me:
Five Golden Rings
Four Calling Birds
Three French Hens
Two Turtle Doves
and a Partridge in a Pear Tree

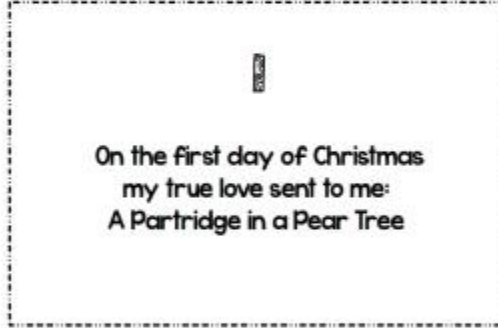
On the sixth day of Christmas
my true love sent to me:
Six Geese a Laying
Five Golden Rings
Four Calling Birds
Three French Hens
Two Turtle Doves
and a Partridge in a Pear Tree

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Option to print the
Whole song version
OR
Each 'day' on a separate card



On the eleventh day of C
my true love sent to
Eleven Pipers Pipir
Ten Lords a Leapir
Nine Ladies Dancir
Eight Maids a Milki
Seven Swans a Swimi
Six Geese a Layin
Five Golden Rings
Four Calling Birds
Three French Hen
Two Turtle Doves
and a Partridge in a Pe



On the first day of Christmas
my true love sent to me:
A Partridge in a Pear Tree



On the second day of Christmas
my true love sent to me:
Two Turtle Doves
and a Partridge in a Pear Tree

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Fun math related to this traditional Christmas song!



12 Days of Christmas

Word Problem Tasks

Name: _____

How many gifts were given on the third day of Christmas?




Work Space

Answer

Name: _____

By the 10th day of Christmas, how many golden rings had been given?



Work Space

Answer and Explanation

Name: _____

How many gifts were given on each day? What pattern do you notice?




Work Space

Answer

Name: _____

Write your own problem for a friend to solve.



Work Space

Answer and Explanation



11 Differentiated Word Problems & I Write Your Own page

12 Days of Christmas

Word Problem Tasks

Problem Solving Table

Day	1	2	3	4	5	6	7	8	9	10	11	12
# Of Gifts												

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Problem Solving Table

Day	1	2	3	4	5	6	7	8	9	10	11	12
# Of Gifts												

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Problem Solving Rubric

Student Score

Teacher Score

- Number Sentence
- Complete Answer
- Correct Answer

- Number Sentence
- Complete Answer
- Correct Answer

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Problem Solving Rubric

Student Score

Teacher Score

- Number Sentence
- Complete Answer
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- Complete Answer
- Correct Answer

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Table to support solving & Basic Checklist



12 Days of Christmas

Word Problem Tasks

Teaching Notes

Possible Lesson Plan Outline:

Objective: Students will use repeated addition and/or multiplication to solve word problems.

1. Play the 12 days of Christmas song.
2. Display/handout lyrics. There are a couple of options in this packet for doing so. You can print the song lyrics double sided, or you could print the cards for the students to use.
3. Choose a sample problem to do with students as a model.
4. Partner students up to solve word problem of your choice/ student choice (There is a range of level of difficulty). It is helpful for students to have different materials available for use to complete this activity (for example: counters, base 10 blocks, table template-included).
5. Give students problem solving time.
6. Come back together to reflect and compare solutions.

Notes

It is important for students to know that it is assumed that the person receiving the gifts gets each set of gifts each day (that is on the 12th day, he/she would have 12 Partridges). If the problem specifies "only on the 10th day" for example, then they are working with JUST the gifts given on that one day. However, if the problem reads "by the ___ day" the student should add gifts received on previous days. Reading the word problem language carefully is important here.

*Also enclosed is a potential basic problem solving rubric for students/teacher to assess student performance.

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Teaching Notes