NAME _____

Story Problems (Activity 1)

What models can be used to represent and solve addition and subtraction problems?

We will pose a story problem with a progression of number choices. For each number choice, consider one or more of the following as a way to represent your solution to the problem:

- counters
- 5/10 frames
- Rekenrek
- base 10 blocks
- 100 board
- open number line

Story Problem 1

Carl has ___ blocks. Rita gives him _____ more blocks. How many blocks does Carl have now?

(2, 3) (7, 4) (6, 7) (12, 10) (20, 23) (44, 38)

Story Problem 2

_____ penguins were standing on the iceberg. _____ jumped into the water to swim. How many penguins are left on the iceberg?

(5, 4) (15, 7) (30, 20) (50, 18) (86, 26) (83, 27)

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Name

Date

Is a number an adjective or a noun? How do you know?

Complete the following equations to make each statement true. (there may be more than one correct answer.)

For example: 1_____ + 1 _____ = 11 could be **1dime + 1 penny = 11 cents**

1. 1_____ + 1 _____ = 8 _____
2. 1_____ + 1 _____ = 25 _____
3. 1_____ + 1 _____ = 4 _____
4. 1_____ + 1 _____ = 30_____
5. 1_____ + 1 _____ = 5 _____
6. 1_____ + 1 _____ = 15 _____
7. 1_____ + 1 _____ + 1_____ = 205 _____
8. 1_____ + 1 _____ + 1 _____ = 40 _____
9. 1_____ + 1 _____ + 1 _____ = 49 _____
10. 1_____ + 1 _____ + 1 _____ = 37 _____

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2015

NAME _____

Ways to Differentiate Problems

Problem Type

- Joining Stories (also called "Add To")
- Separating Stories (also called "Take From")
- Part, Part Whole Stories (also called "Put Together, Take Apart")
- Comparing Stories

Location of the unknown

- Result-unknown
- Change-unknown
- Start-unknown

Number Choices

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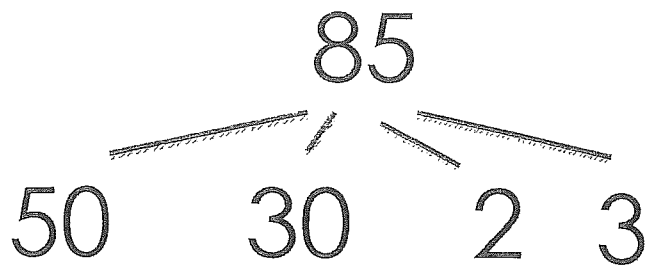
Decomposing Numbers

Directions:

- Decompose the number 85 as many ways as possible. An example is shown below.



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