Parents-

Within this document, you will find all that you need to complete the assignments for **advanced math** for the week of April 20th-April 24th.

Advanced Math:

Page 2 – Advanced Math Assignments Lesson Plans

Pages 3-4 – Measurement Word Problems Review Pages for **Monday**

Page 5 – Number Lines Practice for **Tuesday**

Page 6 – Addition & Subtraction on Number Lines Reference Sheet

Page 7 – Addition on a Number Line for **Wednesday**

Page 8 – Subtraction on a Number Line for **Thursday**

Page 9 – (Graded Assignment) Addition & Subtraction on a Number Line for **Friday** **(Use the reference sheet on page 6 for extra help!)**

Click the link below to take you to our first-grade website!

https://medlockbridge.wixsite.com/firstgrade/2019-2020-teleschool

ADVANCED MATH ASSIGNMENTS

4/20 – 4/24

Brainpop Login
Username: medlockbridge
Password: brainpop

This week's graded assignment will be the Addition and Subtraction on Number Lines Assignment. See the choice board below for additional (optional) enrichment.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
2.MD.5	2.MD.6	2.MD.6	2.MD.6	2.MD.6
Complete the Measurement Word Problems Review Pages (8 problems total) (Word Problems With Length: Feet x 2, Word Problems With Length: Inches, Word Problems With Length: Centimeters)	Watch the video: Learning About Number Lines. https://youtu.be/0ZBVZvh-Cyo Complete the Number Lines Practice assignment. OPTIONAL: Play the Number Lines Kahoot! https://kahoot.it/challenge/08188753?challenge-id=2195e26e-4652-48ec-9fe6-49deb56cf35b_1586874594328 Important Vocabulary (Check before playing Kahoot!): • Increment – amount of numbers between two points on a number line Interval is another word for increment!	Watch the video: Adding and Subtracting Number Lines. https://youtu.be/2SbJsf8DG0E Complete the Addition on Number Lines assignment.	Review the video from yesterday if necessary. Complete the Subtraction on Number Lines assignment.	Review the video from Wednesday if necessary. GRADED: Complete the Addition and Subtraction on Number Lines Assignment.

Online Math Games:

- https://www.splashlearn.com/measurement-games-for-2nd-graders
- https://www.funbrain.com/games/measure-it
- https://jr.brainpop.com/games/battleshipnumberline/
- https://www.funbrain.com/games/line-jumper (set difficulty to medium)
- https://www.abcya.com/games/adventure_man_counting
- https://www.abcya.com/games/numerical_order
- https://www.mathplayground.com/code_sums.html
- https://www.splashlearn.com/math-skills/second-grade/add-within-100/2-digit-2-digit
- https://www.splashlearn.com/math-skills/second-grade/add-within-100/word-problems-3--g2

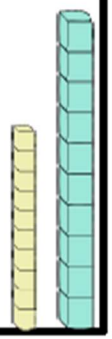
Word Problems

Name :_____ Date: _____

Word Problems With Length: Feet

1. Madeline is 5 feet tall. Her sister is 3 feet tall. How much taller is Madeline than her sister?

2. Chris built a block tower that is 7 feet high. Carmen built a block tower that is 4 feet high. What is the difference between Chris and Carmen's block towers?



Word Problems

Name :_____ Date: _____

Word Problems With Length: Feet

1. The giant mushroom is 10 feet tall. The Mad Hatter is 6 feet tall. How much taller is the mushroom than the Mad Hatter?

2. The dancing flower is 2 feet high. Alice is 4 feet high. What is the difference between the flower and Alice's height?

Word Problems

Name :_____ Date: _____

Word Problems With Length: Inches

1. Jeff is 46 inches tall. Jason is 38 inches tall. How much taller is Jeff than Jason?

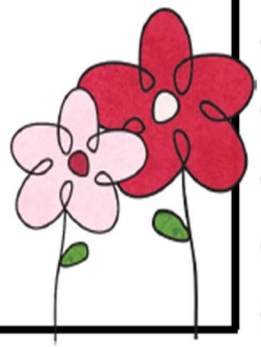
2. Brendan is 52 inches tall. Ashley is 30 inches tall. What is the difference between Brendan and Ashley's height?

Word Problems

Name :_____ Date: _____

Word Problems With Length: Centimeters

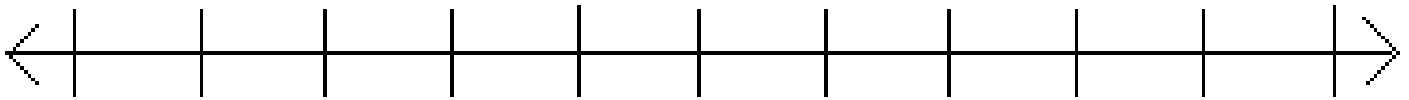
1. The red flower is 38 centimeters tall. The pink flower is 24 centimeters tall.. How much taller is the red flower than the pink flower?



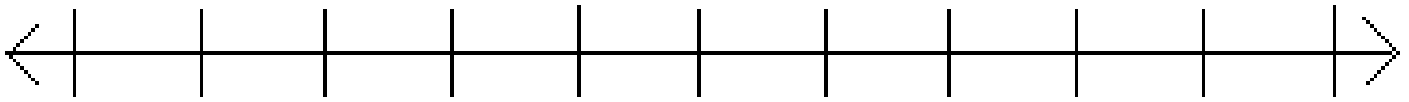
2. Rapunzel's hair is 180 centimeters long. Ariel's hair is 70 centimeters long. What is the difference between Rapunzel's and Ariel's hair?

©Owlo Boehm

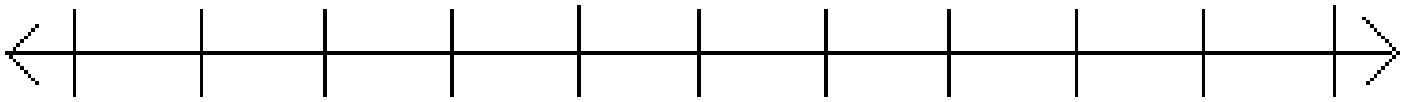
Number Line Practice



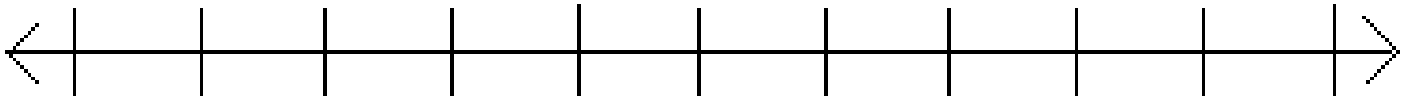
0 10 _____ 30 _____ _____ 60 _____ 80 90 _____



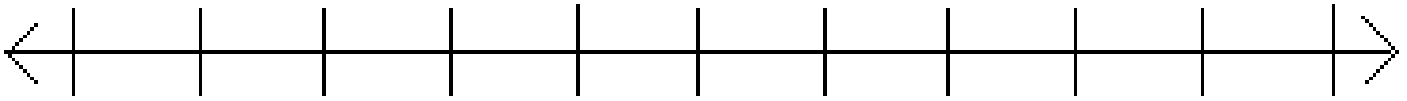
45 _____ _____ 60 _____ _____ 75 _____ 85 _____ _____



_____ 22 _____ _____ 26 _____ 30 _____ 34 _____ 38



60 _____ 68 _____ 76 _____ 84 _____ 92 _____ _____



39 _____ 49 _____ _____ 64 _____ 74 _____ _____ 89

Getting Started with Adding and Subtracting on a Number Line

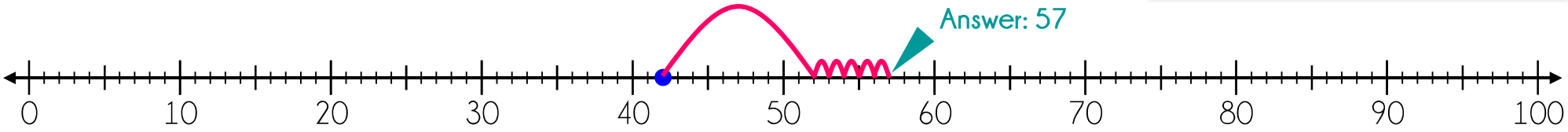
Teacher's Notes

How can we use the number line to find the missing number in this equation?

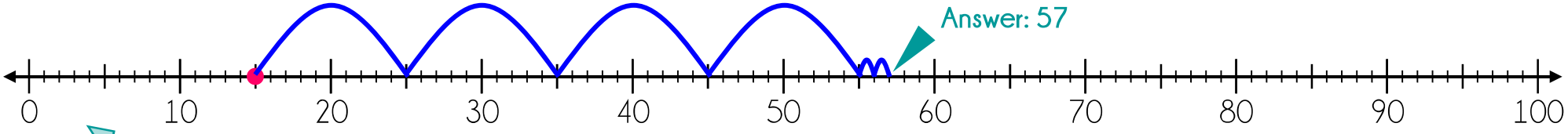
_____ - 42 = 15

Strategy #1: Use another equation in the fact family.

Strategy: "I know that I can use fact families to help. I can use 42 + 15 to find the answer."



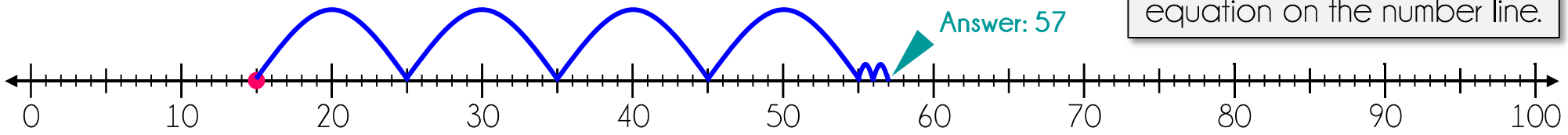
Strategy: "I can start at 15 and count up 42 to find the answer."



Note: these two number lines look the same because the math is identical. But some students prefer to use the **fact family** strategy, while other students **act out** the problem on the number line. Either way, they're doing the same math, but they're thinking about it differently! ☺

Strategy: "I know I start at **something**, subtract (go back) 42, and end on 15. So I'll work backwards: start at the ending point at 15, add (go forward) 42, and see where I **land**."

Strategy #2: Act out the equation on the number line.



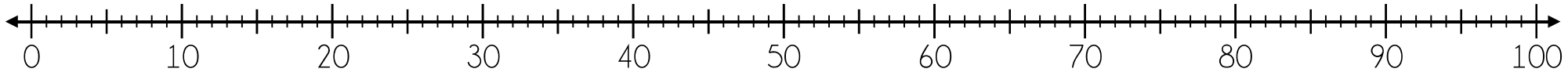
Addition on a Number Line

Name _____

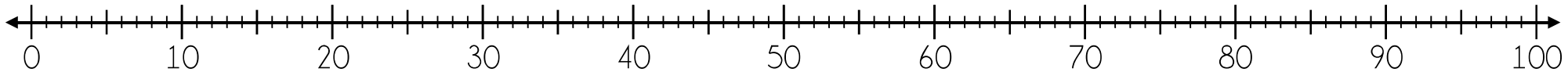
2.NBT.B.5; 2MD.B.6

Use the number line under each equation to show your addition strategy.

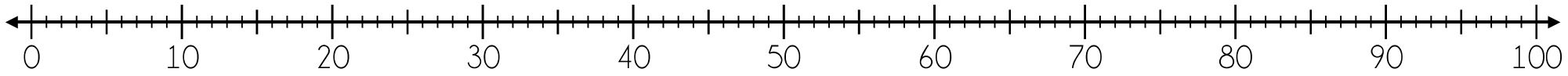
78 + 15 = _____



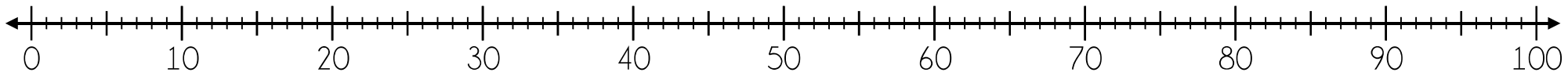
46 + 26 = _____



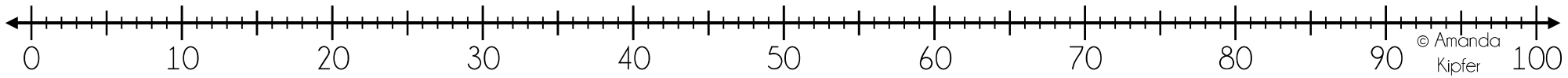
29 + 32 = _____



85 + 8 = _____



19 + 43 = _____



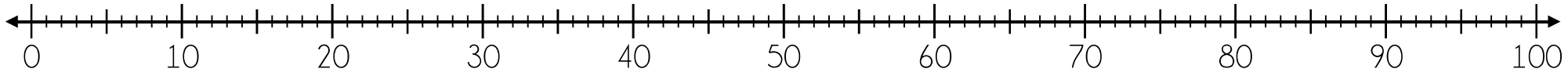
Subtraction on a Number Line

Name _____

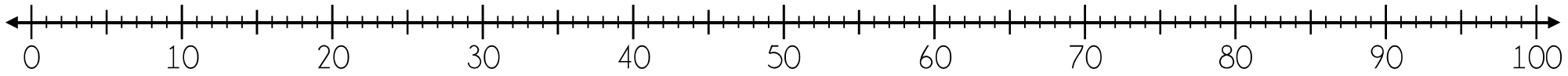
2.NBT.B.5; 2MD.B.6

Use the number line under each equation to show your subtraction strategy.

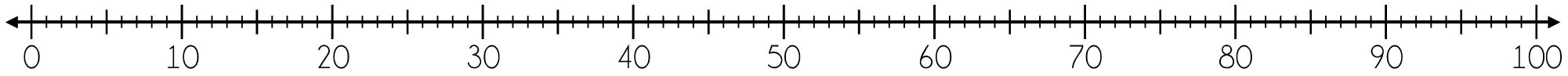
51 - 20 = _____



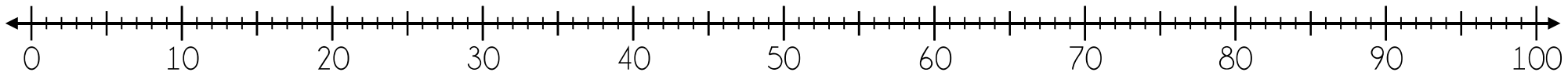
65 - 40 = _____



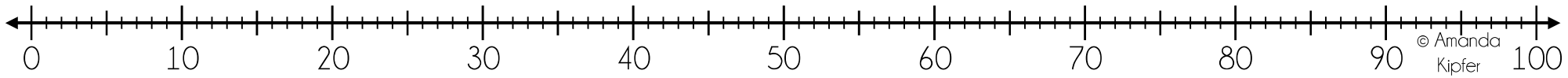
92 - 61 = _____



57 - 33 = _____



40 - 26 = _____



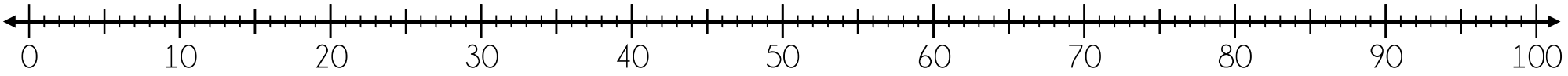
Addition and Subtraction on a Number Line

Name _____

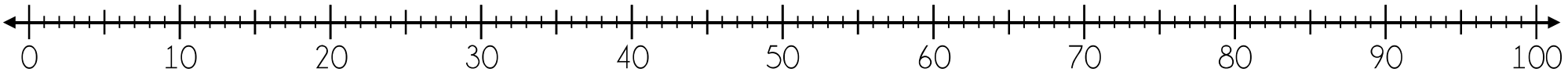
2.NBT.B.5; 2MD.B.6; 2.OA.A.1

Use the number line under each equation to show your addition or subtraction strategy.

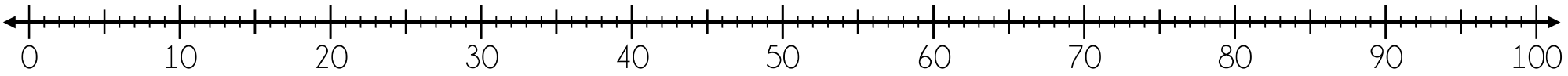
41 = 79 - _____



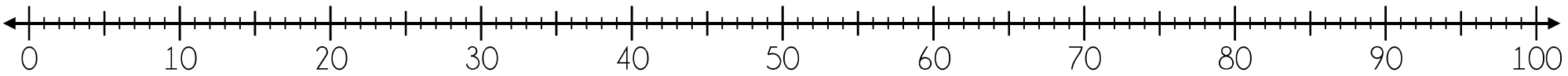
_____ = 70 - 31



83 + 9 = _____



24 = _____ - 15



_____ + 41 = 67