

Use a Number Line

Part A - Build and Use the Strategy

AR-U1-WS13

I can use jumps on a number line to add and subtract within 100.

Name: _____

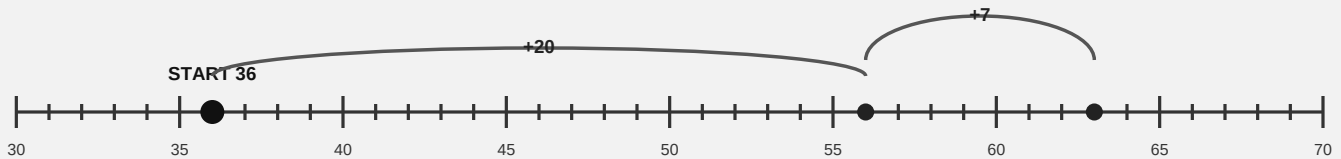
Date: _____

Period: _____

Step 1: Read the Scale and Follow the Jumps

Example: $36 + 27$

Start at 36. Jump right 20, then right 7. Land on 63.



Step 2: Practice Addition and Subtraction

1. Start at 45. Jump right 20, then right 7.



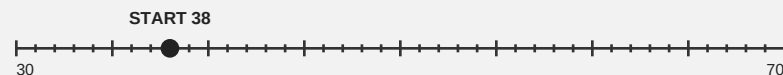
2. Start at 74. Jump left 30, then left 5.



3. FOOTBALL YARDS

Answer: _____ yards

A team has 38 yards and gains 24 more.

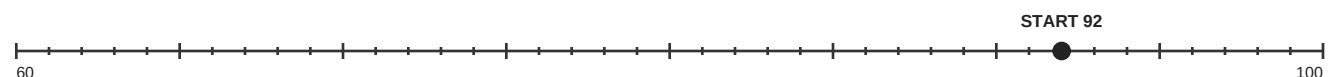


4. To subtract, move:

A. right B. left

5. Start at 92. Jump left 20, then left 8.

Landing: _____



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Step 3: Use Number Lines in Real Life

6. PHONE BATTERY

Answer: _____ %

The battery is at 27%. It charges 56%.

Draw a +50 jump, then a +6 jump.



7. MONEY LEFT

Answer: \$ _____

You have \$81 and spend \$49.

Draw a -40 jump, then a -9 jump.



Step 4: Check the Jumps

8. TRUE OR FALSE?

$55 \rightarrow +30 \rightarrow 85 \rightarrow +4 \rightarrow 89$

Circle: True False

9. FIX THE DIRECTION

For $69 - 27$, Maya jumps right.

Should she jump left or right? _____

Correct landing number: _____

10. Create a number line for $18 + 65$.

Choose useful jumps. Label every landing number.

Answer: _____



TEACHER CHECKPOINT

Your teacher will tell you whether to stop here or continue to Part B.

Use a Number Line

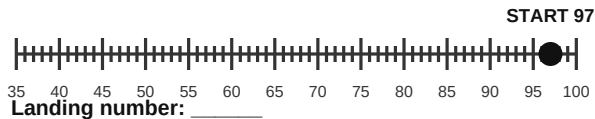
Part B - Apply, Analyze, and Explain

AR-U1-WS13

I can use jumps on a number line to add and subtract within 100.

Step 5: Apply the Strategy

11. Start at 97. Jump left 50, then left 6.



12. Best first jump for $46 + 38$?

A. +30

B. -30

Circle A or B. Explain why.

BASKETBALL SCOREBOARD

HOME

39

VISITOR

44

13. Add both scores on a number line.

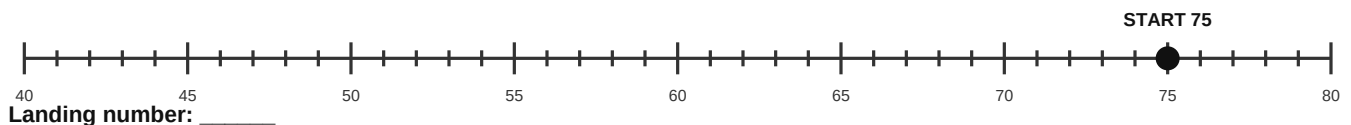
Total: _____

Start at 44. Draw +30, then +9.



Step 6: Draw and Label the Jumps

14. Show $75 - 29$. Use a -20 jump and a -9 jump.



Step 7: Fix and Explain

15. FIX THE START

For $71 - 8$, a student starts at 63.

Correct starting number: _____

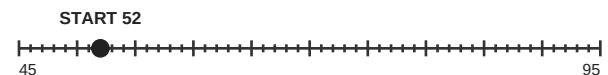
Jump direction: _____

Landing number: _____

16. Solve $52 + 36$.

Answer: _____

Draw and label your jumps.



Explain: _____