

Unit 4: Addition and Subtraction on the Number Line

ADVANCED · SET 2

Name: _____

Date: _____

Solve each problem. Write your answer as a single number unless the problem asks for yes/no.

1. A frog starts at 18 on a number line. It jumps forward 25, then backward 9, then forward 14. What number does the frog land on?

Answer: _____

3. A snail is at 41 on a number line. It moves so that its distance from 41 is the same as the distance from 41 to 96. What number does the snail reach if it moves in the positive direction?

Answer: _____

5. Two markers are placed on a number line at 17 and 89. A third marker is placed exactly halfway between them. What number is the third marker on?

Answer: _____

7. A number line shows a length from 23 to 71. A second length of 19 is added end-to-end starting at 71 in the positive direction. What number is the far end?

Answer: _____

9. A kangaroo starts at 12. It makes jumps of 20, then 20, then backward 7, then backward 7. What number does it land on?

Answer: _____

2. On a number line, a grasshopper hops from 7 to 63 using equal jumps of 8 each. How many jumps does it make?

Answer: _____

4. A bug starts at 84 and makes 3 equal backward jumps to land on 30. How long is each jump?

Answer: _____

6. A rabbit starts at 6. It makes 4 forward jumps of 12 each, then 2 backward jumps of 15 each. What number does it land on?

Answer: _____

8. The distance from A to B on a number line is 46. If B is at 62 and A is less than B, what number is A on?

Answer: _____

10. A number line segment runs from 15 to 87. It is split into 4 equal parts. What number is at the end of the second part (counting from 15)?

Answer: _____

11. A beetle starts at 33 and lands on 80 after two forward jumps. The first jump is 29. How long is the second jump?

Answer: _____