

Homework

The Number Line

National Curriculum Objectives:

Mathematics Year 1: (1N4) Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least

Mathematics Year 1: (1N2b) Given a number, identify one more and one less

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Use a number line to identify what number will be landed on after a given number of jumps. Number line to 5 with all increments labelled.

Expected Use a number line to identify what number will be landed on after a given number of jumps. Number line to 10 with all increments labelled.

Greater Depth Use a number line to identify what number will be landed on after a given number of jumps. Number line to 10 with unlabelled increments.

Questions 2, 5 and 8 (Varied Fluency)

Developing Use a number line to complete one more/one less statements. Number line to 5 with all increments labelled.

Expected Use a number line to complete one more/one less statements. Number line to 10 with all increments labelled.

Greater Depth Use a number line to complete one more/one less statements. Number line to 10 with unlabelled increments.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

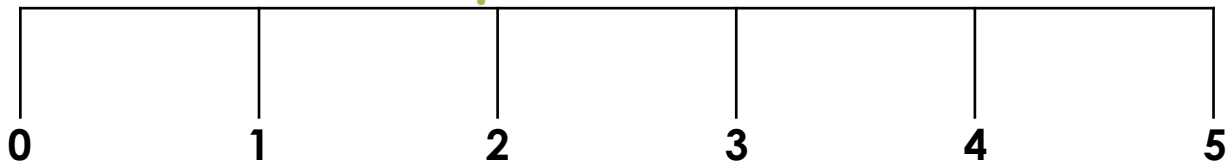
Developing Explain if a statement is correct by using a number line to 5. All increments labelled.

Expected Explain if a statement is correct by using a number line to 10. All increments labelled.

Greater Depth Explain if a statement is correct by using a number line to 10 with unlabelled increments.

The Number Line

1. What numbers will the frog land on after the given number of jumps?



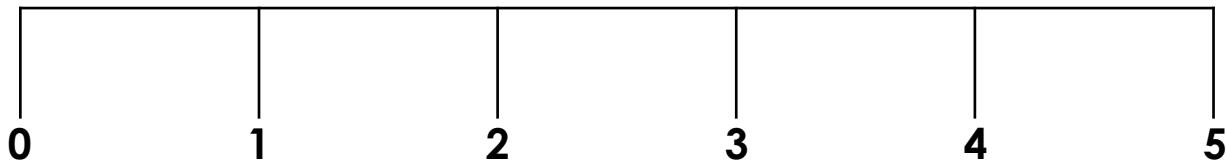
A. 2 jumps

B. 3 jumps

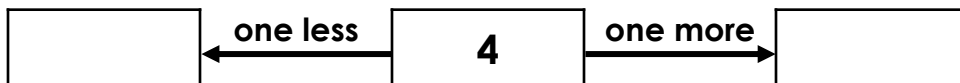


VF
HW/Ext

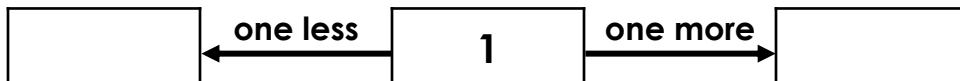
2. Use the number line to fill in the missing numbers below.



A.



B.



C.



VF
HW/Ext

3. Pat says,



There are 3 jumps from 1 to 4.

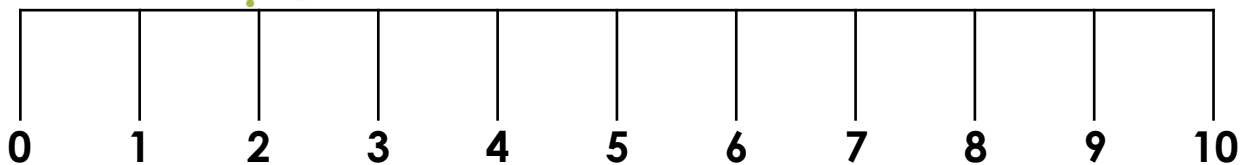
Is she correct? Show me on the number line below.



RPS
HW/Ext

The Number Line

4. What numbers will the frog land on after the given number of jumps?



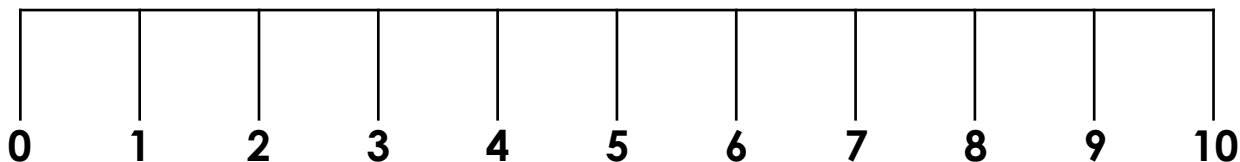
A. 4 jumps

B. 8 jumps

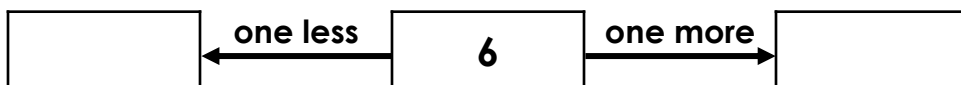


VF
HW/Ext

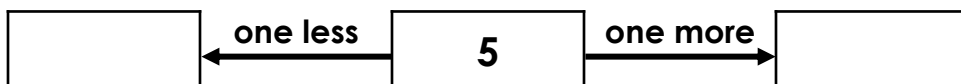
5. Use the number line to fill in the missing numbers below.



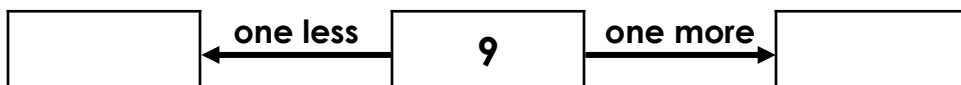
A.



B.



C.



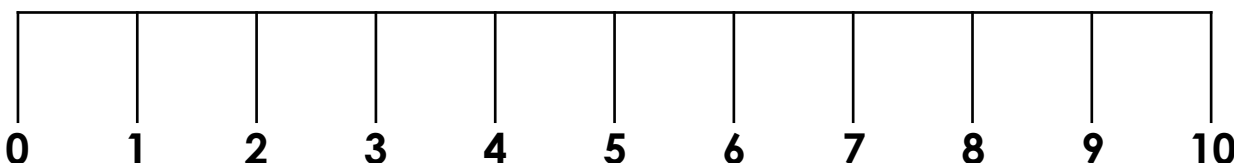
VF
HW/Ext

6. Sam says,



There are 6 jumps from 1 to 7.

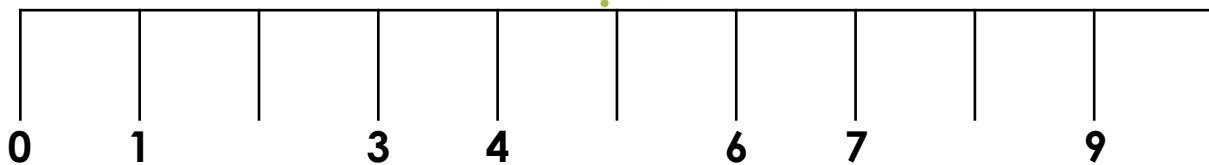
Is he correct? Show me on the number line below.



RPS
HW/Ext

The Number Line

7. What numbers will the frog land on after the given number of jumps?



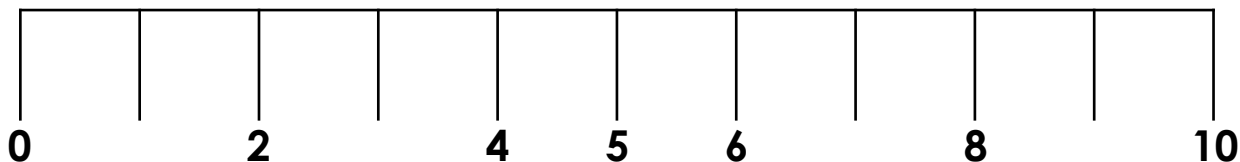
A. 5 jumps

B. 3 jumps

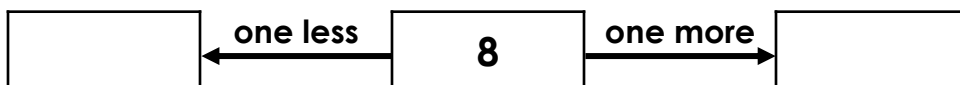


VF
HW/Ext

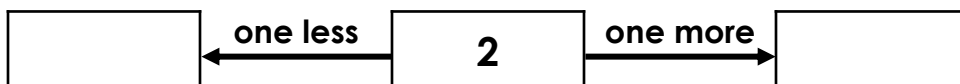
8. Use the number line to fill in the missing numbers below.



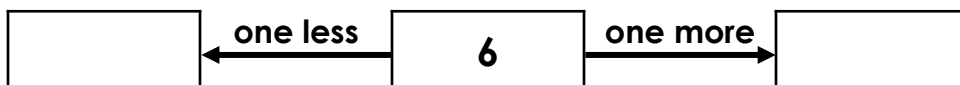
A.



B.



C.



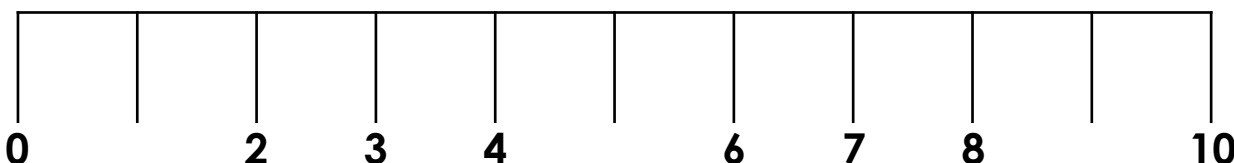
VF
HW/Ext

9. Bob says,



There are 9 jumps from 1 to 9.

Is he correct? Show me on the number line below.



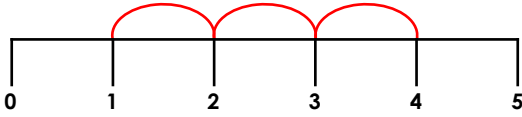
RPS
HW/Ext

Homework

The Number Line

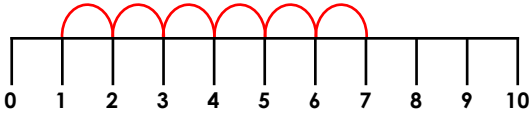
Developing

1. **A: 4; B: 5**
2. **A: 3 and 5; B: 0 and 2; C: 2 and 4**
3. **Pat is correct. There are 3 jumps from 1 to 4.**



Expected

4. **A: 6; B: 10**
5. **A: 5 and 7; B: 4 and 6; C: 8 and 10**
6. **Sam is correct. There are 6 jumps from 1 to 7.**



Greater Depth

7. **A: 10; B: 8**
8. **A: 7 and 9; B: 1 and 3; C: 5 and 7**
9. **Bob is incorrect. There are 8 jumps from 1 to 9.**

