

# Evaluation Test – Number Quest

## PART 1 - PRETEST

Number Quest			
BACKGROUND INFORMATION			
Student's name	Gender		
Age	Teacher		
Date of Testing			
PRETEST#1: NUMBER SENSE - VERBAL			
<p><b>Instruktioner:</b> read the questions word by word. The pupil is allowed a maximum of 1 minute per task. Enter below 1 or 0 points for each task. Correct answer = 1 point. Wrong answer= 0 points. The pupil needs a blank A-4-sheet (Appendix PRETEST#1).</p> <p><b>Material:</b> Appendix PRETEST#1 (A blank A4-sheet) (task 5-8), pencil and eraser.</p> <p><b>NOTE:</b> PRETEST#1 is optional for pupils more than seven years of age.</p>			
Task		Answer	Points (1 or 0)
1.	Would you please count from 1-10. <i>(If the pupil does not understand the task start counting, one, two, three...please continue?)</i>	1,2,3,4,5,6,7,8,9,10	
2.	Start counting from 7 and continue to 20.	7,8,9,10,11,12,13, 14,15,16,17, 18,19,20	
3.	Start counting from 10 and count backwards to 1.	10,9,8,7,6,5,4,3,2,1,	
4.	Start counting from 18 and count backwards to 1.	18,17,16,15,14,13,12,11, 10,9,8,7,6,5,4,3,2,1	
5.	Please write the number 5.	5	
6.	Please write the number 19 with digits.	19	
7.	Please write the number 26 with digits.	26	
8.	Please write the number 67 with digits.	67	
		Total score PRETEST#1 = _____ (max=8)	

### PRETEST#2: NUMBER SENSE (WRITTEN)

**Instruktioner:** Present appendix PRETEST#2 to the pupil, end if incorrect answers on three consecutive tasks.

**Material:** Appendix PRETEST#2, pencil, eraser.

**Tid:** Max 5 minutes.

**NOTE:** PRETEST#2 is optional for pupils more than seven years of age.

Task	Answer	Points (1 or 0)
1.	5	
2.	14	
3.	9, 62	
4.	The left	
5.	The left	
6.	Second from left	
7.	Group to the left	

Total score PRETEST#2 = \_\_\_\_\_  
(Max=7)

### PRETEST#3: Number Patterns

**Instructions:** Present Appendix PRETEST#3, end after 2 wrong answers in a row.

**Material:** Appendix PRETEST#3, pencil and eraser.

**NOTE!** Ends after 2 wrong answers in a row.

Task	Answer	Points (1 or 0)
1.	20, 19, 18	
2.	10, 12, 14	
3.	25, 30, 35	
4.	9,6, 3	
5.	10, 13, 16	
6.	15,11,7	
7.	19, 24,29	
8.	40, 32, 24	

Total score PRETEST#3= \_\_\_\_\_  
(max=8)

### PRETEST#4: The Mental Number Line

**Instructions:** Present Appendix PRETEST#4  
**Material:** Appendix PRETEST#4, pencil and eraser.  
**NOTE!** Administer all tasks.

Task	Answer	Points (1 or 0)
1.	2	
2.	9	
3.	2	
4.	40	
5.	70	
		Total score PRETEST#4= _____ (max=5)

### PRETEST#5: ARITHMETICS (VERBAL)

**Instructions:** read the questions word by word. Note if the pupil has answered correctly or not. Correct answer = 1 point, wrong answer = 0 points.  
**Material:** Timer  
**Time:** Max 20 seconds per task  
**NOTE!** End if two wrong answers in a row

1.	If you have 4 sweets and your friend has one, how many do you have together?	5	
2.	If Oskar has 3 apples, Sara has 5 and Emil 2, how many do they have together?	10	
3.	If you have 3 pounds and want to buy a stick of gum that costs 5 pounds, do you have enough money? How much is missing?	(no) 2	
4.	If you have 9 meatballs and eat four, how many do you have left?	5	
5.	If you have 3 pounds and want to buy a soda for 7 pounds, do you have enough money? How much is missing?	(no) 4	
6.	If you have 3 tennis rackets and there are 9 children who want to play, do you have enough tennis rackets? How many are missing?	(no) 6	
7.	Charles baked 28 cookies and Sara 21 cookies. How many cookies did they bake altogether?	49	
8.	There were 42 people on the bus. Ten stepped off. How many people were left?	32	
		Total score PRETEST#5 = _____ (max=8)	

# Evaluation Test – Number Quest

## *PART 2 - posttest*

Number Quest			
BACKGROUND INFORMATION			
Date of Testing			
POSTTEST#1: NUMBER SENSE - VERBAL			
<p><b>Instructions:</b> read the questions word by word. The pupil is allowed a maximum of 1 minute per task. Enter below 1 or 0 points for each task. Correct answer = 1 point. Wrong answer= 0 points. The pupil needs a blank A-4-sheet (Appendix POSTTEST#1).</p> <p><b>Material:</b> Appendix POSTTEST#1 (A blank A4-sheet) (task 5-8), pencil and eraser.</p> <p><b>NOTE:</b> POSTTEST#1 is optional for pupils more than seven years of age.</p>			
Task		Answer	Points (1 or 0)
1.	Would you please count from 1-10. <i>(If the pupil does not understand the task start counting, one, two, three...please continue?)</i>	1,2,3,4,5,6,7,8,9,10	
2.	Start counting from 7 and continue to 20.	7,8,9,10,11,12,13, 14,15,16,17, 18,19,20	
3.	Start counting from 10 and count backwards to 1.	10,9,8,7,6,5,4,3,2,1,	
4.	Start counting from 18 and count backwards to 1.	18,17,16,15,14,13,12,11, 10,9,8,7,6,5,4,3,2,1	
5.	Please write the number 4.	4	
6.	Please write the number 17 with digits.	17	
7.	Please write the number 28 with digits.	28	
8.	Please write the number 63 with digits.	63	
		Total score POSTTEST#1 = _____ (max=8)	

### POSTTEST#2: NUMBER SENSE (WRITTEN)

**Instruktioner:** Present appendix POSTTEST#2 to the pupil, end if incorrect answers on three consecutive tasks.

**Material:** Appendix POSTTEST#2, pencil, eraser.

**Tid:** Max 5 minutes.

**NOTE:** POSTTEST#2 is optional for pupils more than seven years of age.

Task	Answer	Points (1 or 0)
8.	4	
9.	17	
10.	8, 64	
11.	The left	
12.	The right	
13.	Second from left	
14.	Group to the right	

Total score POSTTEST#2 = \_\_\_\_\_  
(Max=7)

### POSTTEST#3: Number Patterns

**Instructions:** Present Appendix POSTTEST#3, end after 2 wrong answers in a row.

**Material:** Appendix POSTTEST#3, pencil and eraser.

**NOTE!** Ends after 2 wrong answers in a row.

Task	Answer	Points (1 or 0)
1.	19, 18, 17	
2.	8, 10, 12	
3.	30, 35, 40	
4.	12,9, 6	
5.	11, 14, 17	
6.	11, 7, 3	
7.	18, 23,28	
8.	28, 21, 14	

Total score POSTTEST#3 = \_\_\_\_\_  
(max=8)

### POSTTEST#4: The Mental Number Line

**Instructions:** Present Appendix POSTTEST#4

**Material:** Appendix POSTTEST#4, pencil and eraser.

**NOTE!** Administer all tasks.

Task	Answer	Points (1 or 0)
1.	1	
2.	4	
3.	7	
4.	40	
5.	90	
		Total score POSTTEST#4= _____ (max=5)

### POSTTEST#5: ARITHMETICS (VERBAL)

**Instructions:** read the questions word by word. Note if the pupil has answered correctly or not. Correct answer = 1 point, wrong answer = 0 points.

**Material:** Timer

**Time:** Max 20 seconds per task

**NOTE!** End if two wrong answers in a row

1. If you have 3 sweets and your friend has 2, how many do you have together?	5	
2. If Oskar has 5 apples, Sara has 1 and Emil 4, how many do they have together?	10	
3. If you have 2 pounds and want to buy a stick of gum that costs 4 pounds, do you have enough money? How much is missing?	(no) 2	
4. If you have 7 meatballs and eat three, how many do you have left?	4	
5. If you have 4 pounds and want to buy a soda for 9 pounds, do you have enough money? How much is missing?	(no) 5	
6. If you have 2 tennis rackets and there are 8 children who want to play, do you have enough tennis rackets? How many are missing?	(no) 6	
7. Charles baked 23 cookies and Sara 26 cookies. How many cookies did they bake altogether?	49	
8. There were 51 people on the bus. Ten stepped off. How many people were left?	41	
		Total score POSTTEST#5 = _____ (max=8)