

KINDERGARTEN ASSESSMENT GUIDE MATHEMATICS

OFFICE OF CURRICULUM AND INSTRUCTION



Kindergarten Pre-Test

Test Item	Common Core Standards	Number of Points
1	K.CC.3	1 point *****Numeral reversal acceptable (i.e. backwards 2, 3, 5, 6, 9)
2	K.CC.2	1 point for circling the correct order (bottom choice)
3	K.CC.4b K.CC.5	1 point for writing the total number of cars (9)
4	K.CC.4a K.CC.4b	1 point for circling the correct order (top choice)
5	K.CC.4a K.CC.4b	1 point for circling the correct # (7)
6	K.CC.2 K.CC.4c	1 point for circling the correct # that comes next (5)
7	K.CC.4b K.CC.5	1 point for circling the group of 6 cats (middle choice)
8	K.CC.6 K.CC.7	1 point for circling the group that has more (5)
9	K.CC.7	1 point for writing L (2 L 5)
10	K.CC.7	1 point for writing G (9 G 3)
11	K.CC.5	2 points 1 point for each partner; $7 + 3$
12	K.OA.5	1 point for the correct answer, 2 (subtraction)
13	K.OA.2	2 point for $4 - 3 = 1$ <ul style="list-style-type: none"> • 1 point for writing $4 - 3$ • 1 point for correct answer, 1
14	K.CC.5	2 points <ul style="list-style-type: none"> • 1 point for each correct partner $2 + 3$
15	K.CC.5	2 points <ul style="list-style-type: none"> • 1 point for each correct partner $8 + 2$
16	K.OA.5	1 point for the correct answer, 4 (addition)
17	K.OA.5	1 point for the correct answer, 3 (subtraction)

18	K.CC.5 K.NBT.1	2 points <ul style="list-style-type: none"> 1 point for circling a group of 10 1 point for writing the correct answer, 12
19	K.NBT.1	1 point for writing the correct answer, 13 (addition)
20	K.NBT.1	1 point for writing the correct answer, 18 (addition)
21	K.MD.1a K.MD.1b	1 point for circling "length"
22	K.MD.2	1 point for circling the shorter tree (right tree)
23	K.CC.6, K.MD.3	3 points <ul style="list-style-type: none"> 1 point for writing the number of squares, 3 1 point for writing the number of circles, 4 1 point for circling the circle or #4 because it has more
24	K.G.1 K.G.2	1 point for circling the sphere beside the cube (soccer ball)
25	K.G.2	1 point for circling the triangle only (right shape)
26	K.G.3	1 point for circling the flat shape (square) only (middle shape)
27	K.G.3	1 point for circling the solid shape (cylinder) only (left shape)
28	K.G.4	1 point for circling the rectangle only (right shape)
29	K.G.4	1 point for circling the cone only (left shape)
30	K.G.6	1 point for circling the cone on top of the cube only (left picture)

Unit 1 – Formative Assessment Booklet

Page Numbers	Lesson Numbers	Common Core Standards	Number of Points
3	Unit 1 Lesson 13	K.CC.4a/4b K.CC.5	12 points <ul style="list-style-type: none"> • 2 points for circling 2 groups of 3 (1st and 3rd pictures) • 1 point for x'ing out 1 group that is not 2 (2nd picture) • 1 point for circling 1 group of 5 (1st picture) • 2 points for x'ing out 2 groups that are not 2 (2nd and 3rd picture) • 1 point for circling 1 groups of 4 (1st picture) • 2 points for x'ing out 2 groups that are not 4 (2nd and 3rd picture) • 2 points for circling 2 groups of 2 (2nd and 3rd picture) • 1 point for x'ing out 1 group that is not 2 (1st picture)
4 – 5	Unit 1 Lesson 15	K.CC.6	4 points <ul style="list-style-type: none"> • 1 point for circling the bigger number, 8 • 1 point for circling the bigger number, 5 • 1 point for circling the smaller number, 5 • 1 point for circling the smaller number, 3

Unit 1 – Summative Assessment

Test Items Unit 1 - Form A	Common Core Standards	Number of Points
1	K.CC.4b K.CC.5	2 points total <ul style="list-style-type: none"> • 1 point for circling both groups of 3 correctly • 1 point for x'ing out both incorrect (4 and 2)
2	K.CC.4b K.CC.5	2 points total <ul style="list-style-type: none"> • 1 point for circling both groups of 1 correctly • 1 point for x'ing out both incorrect (2 and 3)
3	K.CC.5	1 point (draw 4 apples)
4	K.CC.5	1 point (draw 2 fish)
5	K.G.2	2 points for underlining the 2 circles only 1 point for underlining 1 circle only 0 points if any other shapes are underlined.
6	K.G.2	2 points for underlining the 2 rectangles only 1 point for underlining 1 rectangle only 0 points if any other shapes are underlined
7	K.CC.1 K.CC.4a	1 point (lines are in order from 1-5; forms a Z from 1-4 with a tail from 4-5)
8	K.CC.1 K.CC.4a	1 point (lines are in order from 1-5; forms a trapezoid)
9	K.CC.3	5 points (1 point for each correct number written, 1-5)
10	K.CC.5 K.G.2 K.G.5	4 points total <ul style="list-style-type: none"> • 1 point each for drawing the correct number of each shape – 1 rectangle, 2 squares, 3 triangles, and 4 circles <p>****Accept shape approximations</p>

Unit 2 – Formative Assessment Booklet

Page Numbers	Lesson Numbers	Common Core Standards	Number of Points
6 – 7	Unit 2 Lesson 3	K.CC.4a/4b K.CC.5	16 points <ul style="list-style-type: none"> • 2 points for circling 2 groups of 8 (1st and 4th pictures) • 2 points for x'ing out 2 groups that are not 8 (2nd and 3rd pictures) • 3 points for circling 3 groups of 7 (1st, 2nd, and 4th pictures) • 1 point for x'ing out 1 group that is not 7 (3rd picture) • 2 points for circling 2 groups of 9 (1st and 3rd pictures) • 2 points for x'ing out 2 groups that are not 9 (2nd and 4th pictures) • 3 points for circling 3 groups of 6 (1st, 3rd, and 4th pictures) • 1 point for x'ing out 1 group that is not 6 (2nd picture)
8	Unit 2 Lesson 9	K.CC.5	8 points <ul style="list-style-type: none"> • 4 points for circling each 5-group • 4 points for writing the correct answers (5+2=7; 5+4=9; 5+3=8; 5+1=6)

Unit 2 – Summative Assessment

Test Items Unit 2 - Form A	Common Core Standards	Number of Points
1	K.CC.4b K.CC.5	2 points <ul style="list-style-type: none"> • 1 point for circling both groups of 8 correctly • 1 point for x'ing out both incorrect (7 and 6)
2	K.CC.4b K.CC.5	2 points <ul style="list-style-type: none"> • 1 point for circling both groups of 9 correctly • 1 point for x'ing out both incorrect (8 and 8)
3	K.CC.1 K.CC.4a	1 point (lines are in order from 1-10; forms a star with 5 points)
4	K.CC.1 K.CC.4a	1 point (lines are in order from 1-6; forms a hexagon)
5	K.OA.1 K.OA.2	2 points <ul style="list-style-type: none"> • 1 point for x'ing out 1 circle • 1 point for writing the # 7
6	K.OA.1 K.OA.2	2 points <ul style="list-style-type: none"> • 1 point for circling the 5-group • 1 point for writing the # 7
7	K.G.2	2 points for underlining the 2 triangles only 1 point for underlining 1 triangle only 0 points if any other shapes are underlined
8	K.G.2	2 points for underlining the 2 hexagons only 1 point for underlining 1 hexagon only 0 points if any other shapes are underlined
9	K.CC.2 K.CC.3	2 points for writing the numbers 5 – 10 in order 1 point for writing the numbers 5-10 out of order or misses 1 or 2 #s 0 points for writing the numbers 1-5 or does not write the numbers 6-10 in order/legibly *****Teacher can write the #5 in the first box as an accommodation for students who need it.
10	K.OA.1 K.OA.2	2 points <ul style="list-style-type: none"> • 1 point for the correct picture (7 +1 squares) • 1 point for writing the correct answer, 8

Unit 3 – Formative Assessment Booklet

Page Numbers	Lesson Numbers	Common Core Standards	Number of Points
9 – 10	Unit 3 Lesson 13	K.OA.5	8 points <ul style="list-style-type: none">• 1 point for writing “7”• 1 point for drawing 2 more circles to make 7• 1 point for writing “9”• 1 point for drawing 4 more circles to make 9• 1 point for writing “8”• 1 point for drawing 3 more circles to make 8• 1 point for writing “6”• 1 point for drawing 1 more circle to make 6
11	Unit 3 Lesson 19	K.NBT.1	4 points <ul style="list-style-type: none">• 1 point for drawing 10 in 15• 1 point for drawing 5 in 15• 1 point for drawing 10 in 12• 1 point for drawing 2 in 12

Unit 3 – Summative Assessment

Test Items Unit 3 – Form A	Common Core Standards	Number of Points
1	K.CC.3 K.CC.4b K.CC.5	2 points <ul style="list-style-type: none"> 1 for each correct partner, 4 and 2
2	K.CC.3 K.CC.4b K.CC.5	2 points <ul style="list-style-type: none"> 1 for each correct partner, 6 and 1
3	K.CC.3 K.CC.4b K.CC.5	2 points <ul style="list-style-type: none"> 1 for each correct partner, 3 and 4
4	K.CC.3 K.CC.5 K.NBT.1	2 points <ul style="list-style-type: none"> 1 for circling a group of 10 1 for writing the correct answer, 16
5	K.CC.2 K.CC.3 K.CC.4a K.CC.4b K.CC.5	2 points <ul style="list-style-type: none"> 1 point for drawing the correct # of circles, 2 1 point for writing the correct #, 7
6	K.CC.3 K.CC.6	2 points <ul style="list-style-type: none"> 1 point for writing the #6 correctly in both boxes 1 point for writing = in-between
7	K.G.6	1 point for underlining the correct shape they could make (left shape)
8	K.OA.5	1 point for writing the correct answer, 3 (addition)
9	K.OA.5	1 point for writing the correct answer, 5 (addition)
10	K.OA.5	1 point for writing the correct answer, 5 (addition)
11	K.OA.5	1 point for writing the correct answer, 2 (subtraction)
12	K.OA.5	1 point for writing the correct answer, 0 (subtraction)
13	K.OA.5	1 point for writing the correct answer, 2 (subtraction)
14	K.G.2 K.MD.3	1 point for circling all 4 of the triangles

15	K.CC.3 K.CC.5 K.G.2 K.MD.3	1 point for writing the correct # of triangles, 4
16	K.CC.3 K.CC.5 K.G.2 K.MD.3	1 point for writing the correct # of rectangles, 5
17	K.CC.6 K.MD.3	1 point for circling the group with more (rectangles)
18	K.NBT.1	2 points <ul style="list-style-type: none">• 1 point for drawing 10 circles• 1 point for drawing 5 circles
19	K.G.1 K.G.2	2 points <ul style="list-style-type: none">• 1 point for drawing 2 correct or close-to-correct shapes• 1 point for putting them in the correct location
20	K.OA.1 K.OA.2	2 points <ul style="list-style-type: none">• 1 point for drawing the correct picture (5 and 4)• 1 point for the correct answer, 9

Unit 4 – Formative Assessment Booklet

Page Numbers	Lesson Numbers	Common Core Standards	Number of Points
12	Unit 4 Lesson 13	K.OA.4	12 points <ul style="list-style-type: none">• 2 points for writing the partners of 10 (5 and 5)• 2 points for writing the partners of 6 (4 and 2)• 2 points for writing the partners of 9 (5 and 4)• 2 points for writing the partners of 8 (3 and 5)• 2 points for writing the partners of 7 (5 and 2)• 2 points for writing the partners of 5 (3 and 2)
13 – 14	Unit 4 Lesson 15	K.OA.5	12 points <ul style="list-style-type: none">• 1 point for $1 + 0 = 1$• 1 point for $1 + 2 = 3$• 1 point for $4 + 1 = 5$• 1 point for $1 + 3 = 4$• 1 point for $2 + 0 = 2$• 1 point for $2 + 3 = 5$• 1 point for $1 - 0 = 1$• 1 point for $2 - 1 = 1$• 1 point for $5 - 2 = 3$• 1 point for $5 - 3 = 2$• 1 point for $4 - 3 = 1$• 1 point for $3 - 2 = 1$
15	Unit 4 Lesson 17	K.NBT.1	8 points <ul style="list-style-type: none">• 1 point for drawing 10 in 14• 1 point for drawing 4 in 14• 2 points for writing $10 + 4 = 14$• 1 point for drawing 10 in 18• 1 point for drawing 10 in 8• 2 points for writing $10 + 8 = 18$

Unit 4 – Summative Assessment

Test Items Unit 4 - Form A	Common Core Standards	Number of Points
1	K.CC.3 K.CC.4b K.CC.5	2 points <ul style="list-style-type: none"> 1 point each for writing each correct partner, 9 and 1
2	K.CC.3 K.CC.4b K.CC.5	2 points <ul style="list-style-type: none"> 1 point each for writing each correct partner, 8 and 2
3	K.OA.1 K.OA.2	2 points <ul style="list-style-type: none"> 1 point for drawing the correct picture, 8 1 point for x'ing out 2 that he ate to show 6 and/or writing 6 left
4	K.OA.5	1 point for writing the correct answer, 5 (addition)
5	K.OA.5	1 point for writing the correct answer, 3 (addition)
6	K.OA.5	1 point for writing the correct answer, 5 (addition)
7	K.OA.5	1 point for writing the correct answer, 2 (subtraction)
8	K.OA.5	1 point for writing the correct answer, 1 (subtraction)
9	K.OA.5	1 point for writing the correct answer, 4 (subtraction)
10	K.CC.5	2 points <ul style="list-style-type: none"> 1 point each for writing each correct partner, 2 and 3
11	K.CC.3 K.CC.4b K.CC.5	2 points <ul style="list-style-type: none"> 1 point each for writing each correct partner, 3 and 3
12 – 13	K.CC.3 K.CC.6	2 points each <ul style="list-style-type: none"> 1 point for writing the numbers (2/4 and 3/2) correctly 1 point for circling the number that is less (2)
14	K.NBT.1	1 point for writing the correct answer, 13 (addition)
15	K.NBT.1	1 point for writing the correct answer, 19 (addition)
16	K.G.2	1 point for drawing a line under just the cube
17	K.G.2	1 point for circling just the sphere

18	K.G.1 K.G.2	1 point for circling the cube that is next to the cylinder (cube on the far right)
19	K.NBT.1	2 points <ul style="list-style-type: none">• 1 point for drawing 10 ones• 1 point for drawing 7 extra ones
20	K.OA.1 K.OA.2	1 point for writing the correct answer, 8 (addition)
21	K.OA.1 K.OA.2	1 point for writing the correct answer, 10 (addition)
22	K.OA.1 K.OA.2	1 point for writing the correct answer, 7 (subtraction)
23	K.OA.1 K.OA.2	1 point for writing the correct answer, 2 (subtraction)
24	K.CC.5 K.OA.1	2 points <ul style="list-style-type: none">• 1 point for writing $5+1$• 1 point for writing $= 6$
25	K.OA.1 K.OA.2 K.OA.3	2 points <ul style="list-style-type: none">• 1 point for drawing a picture of the partners (answers vary; examples include: 9 and 0, 8 and 1, 7 and 2, 6 and 3, 5 and 4)• 1 point for writing a correct equation for the partners (for example: $9 + 0 = 9$, $8 + 1 = 9$, $7 + 2 = 9$, $6 + 3 = 9$, $5 + 4 = 9$)

Unit 5 – Formative Assessment Booklet

Page Numbers	Lesson Numbers	Common Core Standards	Number of Points
16 – 17	Unit 5 Lesson 7	K.OA.5	12 points <ul style="list-style-type: none">• 1 point for writing $2 + 1 = 3$• 1 point for writing $3 + 2 = 5$• 1 point for writing $3 + 1 = 4$• 1 point for writing $1 + 4 = 5$• 1 point for writing $4 + 0 = 4$• 1 point for writing $2 + 2 = 4$• 1 point for writing $4 - 0 = 4$• 1 point for writing $3 - 1 = 2$• 1 point for writing $5 - 3 = 2$• 1 point for writing $4 - 1 = 3$• 1 point for writing $4 - 2 = 2$• 1 point for writing $5 - 2 = 3$
18	Unit 5 Lesson 16	K.CC.6	8 points <ul style="list-style-type: none">• 1 point for writing 6• 1 point for writing L• 1 point for writing 8• 1 point for writing G• 1 point for writing 5• 1 point for writing G• 1 point for writing 4• 1 point for writing L

Unit 5 – Summative Assessment

Test Items Unit 5 – Form A	Common Core Standards	Number of Points
1	K.NBT.1	2 points <ul style="list-style-type: none"> • 1 point to show 10 ones • 1 point to show 5 ones
2	K.CC.2 K.NBT.1	2 points <ul style="list-style-type: none"> • 1 point for writing the extra number of ones, 5 • 1 point for drawing 5 circles
3	K.CC.2 K.NBT.1	2 points <ul style="list-style-type: none"> • 1 point for writing the extra number of ones, 6 • 1 point for drawing 6 circles
4	K.CC.2 K.NBT.1	2 points <ul style="list-style-type: none"> • 1 point for writing the extra number of ones, 7 • 1 point for drawing 7 circles
5	K.CC.5 K.OA.1 K.NBT.1	2 points <ul style="list-style-type: none"> • 1 point for circling a group of 10 • 1 point for writing the correct equation, $10+5=15$
6	K.CC.5 K.OA.1 K.NBT.1	2 points <ul style="list-style-type: none"> • 1 point for circling a group of 10 • 1 point for writing the correct equation, $10+8=15$
7	K.CC.5 K.OA.3	1 point for writing $1+4$
8	K.CC.5 K.OA.3	1 point for writing $2+3$
9	K.CC.5 K.OA.3	1 point for writing $3+2$
10	K.CC.5 K.OA.3	1 point for writing $4+1$
11	K.CC.5 K.OA.3	1 point for writing $1+5$
12	K.CC.5 K.OA.3	1 point for writing $2+4$
13	K.CC.5	1 point for writing $3+3$

	K.OA.3	
14	K.CC.5 K.OA.3	1 point for writing $4+2$
15	K.CC.5 K.OA.3	1 point for writing $5+1$
16	K.OA.1 K.OA.2	1 point for writing the correct answer, 9 (addition)
17	K.OA.1 K.OA.2	1 point for writing the correct answer, 8 (addition)
18	K.OA.1 K.OA.2	1 point for writing the correct answer, 10 (addition)
19	K.OA.1 K.OA.2	1 point for writing the correct answer, 4 (subtraction)
20	K.OA.1 K.OA.2	1 point for writing the correct answer, 4 (subtraction)
21	K.OA.1 K.OA.2	1 point for writing the correct answer, 3 (subtraction)
22	K.CC.5 K.CC.6	3 points <ul style="list-style-type: none"> • 1 point for writing 6 on top line and 10 on bottom line • 1 point for writing an L on the top line and a G on bottom line • 1 point for crossing out 4 circles to make them equal
23	K.MD.2	1 point for circling the shorter fish (top fish)
24	K.MD.2	1 point for circling the heavier object (jeep)
25	K.OA.1 K.OA.2	2 points <ul style="list-style-type: none"> • 1 point for drawing a correct picture (9 and x'ing out 2) • 1 point for writing the correct equation $9-2=7$

Kindergarten Post-Test

Test Items	Common Core Standards	Number of Points
1	K.CC.3	2 points <ul style="list-style-type: none"> 1 point for writing #s 1-10 correctly 1 point for writing #s 11-20 correctly <p>*****Numeral reversal acceptable (i.e. backwards 2, 3, 5, 6, 9) *****Digit reversal not accepted (i.e. writing 31 for 13 is not accepted)</p>
2	K.CC.2	1 point for circling the correct order (middle choice)
3	K.CC.4b K.CC.5	1 point for writing the total number of stars (12)
4	K.CC.4a K.CC.4b	1 point for circling the correct order (bottom choice)
5	K.CC.4a K.CC.4b	1 point for circling the correct # (6)
6	K.CC.2 K.CC.4c	1 point for circling the correct # that comes next (7)
7	K.CC.4b K.CC.5	1 point for circling the group of 8 turtles (answer on the right)
8	K.CC.6 K.CC.7	1 point for circling the group that has more (6)
9	K.CC.7	1 point for writing G (7 G 4)
10	K.CC.7	1 point for writing L (6 L 9)
11	K.CC.5	2 points <ul style="list-style-type: none"> 1 point for each partner; 5 + 5
12	K.OA.5	1 point for the correct answer, 3 (subtraction)
13	K.OA.2	1 point for 6-3=3
14	K.CC.5	2 points <ul style="list-style-type: none"> 1 point for each correct partner 5+2
15	K.CC.5	2 points <ul style="list-style-type: none"> 1 point for each correct partner 4+6
16	K.OA.5	1 point for the correct answer, 4 (addition)

17	K.OA.5	1 point for the correct answer, 1 (subtraction)
18	K.CC.5 K.NBT.1	2 points <ul style="list-style-type: none">• 1 point for circling a group of 10• 1 point for writing the correct answer, 14
19	K.NBT.1	1 point for writing the correct answer, 14 (addition)
20	K.NBT.1	1 point for writing the correct answer, 17 (addition)
21	K.MD.1a K.MD.1b	1 point for circling "length"
22	K.MD.2	1 point for circling the taller tree (left tree)
23	K.CC.6, K.MD.3	3 points <ul style="list-style-type: none">• 1 point for writing the number of triangles, 4• 1 point for writing the number of squares, 3• 1 point for circling the triangle or #4 because it has more
24	K.G.1 K.G.2	1 point for circling the cylinder next to the cone (orange juice in the middle)
25	K.G.2	1 point for circling the hexagon only (left shape)
26	K.G.3	1 point for circling the solid shape (rectangular prism) only (middle shape)
27	K.G.3	1 point for circling the flat shape (circle) only (right shape)
28	K.G.4	1 point for circling the triangle only (left shape)
29	K.G.4	1 point for circling the sphere only (right shape)
30	K.G.6	1 point for circling the 2 cubes on top of each other only (middle picture)