

Key for Grade 7 Sign Language ASL Video
(ASL)- Mathematics M-STEP
Online Sample Item Set

Item #	Key
1	5 $\frac{1}{3}$ or equivalent value
2	3.75
3	A
4	C
5	36.8
6	$p = \frac{1}{6}$
7	$-b, a \cdot -b$ or $-a \cdot b, -c, -c/b$ or $c/-b$
8	4th and 5th calculations
9	Part A: any fraction less than 1; Part B: any fraction greater than or equal to 1
10	D
11	A
12	.60
13	7.5
14	-3.7
15	base with dimensions 2×18 or 3×12 or 4×9 (1×36 is also correct but won't fit on graph)
16	$y = 12x$
17	5.4
18	T, F, T
19	True for some cases, True for all cases, True for some cases, True for some cases
20	B
21	Part A: Steps 1, 2, 4; Part B: $c = 8$
22	2
23	B
24	Y, Y, N, N, Y
25	2nd and 3rd graphs
26	17.5 or equivalent value
27	86.59
28	4
29	Game 6: 4 points, Game 7: 20 points; Game 6: 6 points, Game 7: 18 points; Game 6: 18 points, Game 7: 6 points; Game 6: 20 points, Game 7: 4 points (Technically, there are other point totals, e.g. Game 6: 5 points, Game 7: 19 points, that would meet the criteria but the graph is limited to an even number of points.)
30	15