

# 2016 Team Scramble Answer Key

71,922	1	2	26	$(2, \frac{3\pi}{2}, -2\sqrt{3})$	51	$\frac{49}{16}$	76
1,735	2	Median	27	0	52	-12	77
4,320	3	40	28	-41	53	16	78
$\frac{496}{3}$	4	4	29	$e^e$	54	24	79
$3.457 \times 10^4$	5	12	30	(-1,2)	55	11	80
468	6	$2\pi\sqrt{6}$	31	1,977.864	56	256	81
$18\sqrt{21}$	7	Enneahedron or nonahedron	32	$\frac{475}{2}$	57	597	82
$24\sqrt{6} + 12\sqrt{11}$	8	$\sqrt{19}$	33	86,402	58	360	83
CABD	9	5	34	(-3, 1, -4)	59	734	84
-25	10	20	35	2,471	60	-81	85
$-\frac{3}{2}, \frac{5}{3}$	11	(-3,4)	36	9	61	$\frac{1}{3} + \frac{4}{3}\ln\frac{4}{3}$	86
42	12	2, -1	37	(-1, -2, 15) any order	62	$\frac{4}{5}$	87
60	13	$\frac{36}{125}$	38	39	63	$\frac{553}{40}$	88
2nd or 2 or 	14	281,250	39	$\sqrt{185}$	64	11	89
(4,5)	15	$518_{[11]}$	40	142	65	68	90
$x = -\frac{3}{2}$	16	$3460_{[9]}$	41	25	66	65	91
$(\frac{5}{4}, 0)$	17	91	42	156	67	6,512	92
$\frac{-9 \pm \sqrt{97}}{2}$	18	9,495	43	$118\sqrt{6}$	68	749,601	93
$\frac{10,000,000}{p}$	19	$\frac{1}{26}$	44	$4 - 2\sqrt{3}$	69	$\sqrt{178}$	94
9	20	$\frac{7665}{32}$	45	3:17:44	70	LKHIJ	95
$\frac{157}{7}$	21	8	46	$\frac{96\sqrt{7}}{7}$	71	$6\sqrt{37}$	96
(-1,3)	22	$\frac{8}{17}$	47	2	72	15	97
12	23	$\frac{5}{12}$	48	108	73	3	98
(1, -11)	24	$\frac{7\sqrt{2}}{10}$	49	$\frac{2np}{p+1}$	74	$\frac{32}{3}$	99
$18\sqrt{3}$	25	16	50	30	75	$\frac{320\pi}{3}$	100