

2019 ARML Local Answers

Team Round Answers

T-1	160	T-2	12	T-3	$\sqrt[4]{2}$ or $2^{1/4}$
T-4	$\frac{\sqrt{154}}{7}$	T-5	14 or 18	T-6	$\frac{57}{11}$
T-7	$2\sqrt{2}$	T-8	$\frac{1}{6}$	T-9	$6\sqrt{2}$
T-10	$\frac{\pi}{1010}$	T-11	$\frac{53}{16}$	T-12	24
T-13	3296	T-14	$2\sqrt{21} - 5$	T-15	$\frac{5}{2}(\sqrt{5} - 1)$ or $\frac{5\sqrt{5} - 5}{2}$

Individual Round Answers

I-1	39	I-2	$\frac{2\pi}{9}$
I-3	26	I-4	$\frac{1}{22}$
I-5	20	I-6	-375
I-7	84	I-8	$\frac{7}{9}$
I-9	40	I-10	256

Relay Round Answers

R1-1	$\frac{1}{14}$	R1-2	30
R2-1	10	R2-2	1021
R3-1	21	R3-2	3
R3-4	5	R3-5	$\sqrt{15}$
		R3-3	32
		R3-6	0

Tiebreaker Answer: 3240