

2018 ARML Local Answers

Team Round Answers

T-1	706 π	T-2	69	T-3	16
T-4	20	T-5	14	T-6	252
T-7	$\frac{8+3\sqrt{21}}{25}$	T-8	$\frac{21}{4} - 3\sqrt{3}$ or $\frac{21-12\sqrt{3}}{4}$	T-9	$5 + 12\sqrt{3}$
T-10	3120	T-11	33	T-12	1381
T-13	990	T-14	$(2018)^{\frac{1}{3}}$ or $\sqrt[3]{2018}$	T-15	AK, DK, GK, GM (accept in any order)

Individual Round Answers

I-1	31	I-2	1
I-3	30	I-4	12
I-5	6	I-6	1
I-7	344	I-8	$\sqrt{170}$
I-9	22	I-10	1240

Relay Round Answers

R1-1	9	R1-2	123		
R2-1	$\frac{1}{24}$	R2-2	15	R2-3	48
R3-1	3	R3-2	4	R3-3	32
R3-4	16	R3-5	55	R3-6	3

Tiebreaker Answer: -2