The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING
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2018 Canadian Team Mathematics Contest
Answer Key for Team Problems

Question	Answer
1	6
2	13.5 L
3	53
4	792
5	$40°$
6	639
7	2018 (accept $2^{11} - 2^5 + 2$)
8	13
9	$\frac{4}{3}$
10	526
11	20%
12	0
13	10
14	1200
15	6
16	15
17	$12\sqrt[4]{3}$
18	81
19	243 (accept 3^5)
20	42
21	8
22	$\frac{7}{16}$
23	$2a^2 + 2a - 1$
24	$\frac{361\pi}{8}$
25	1430

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Answer Key for Individual Problems

Question	Answer
1	-8
2	$\frac{1}{12}$ (accept 0.083 or more precise)
3	3
4	50
5	870
6	$(3, 6), (39, -78)$
7	191
8	$18\sqrt{5}$ m (units not required; accept 40.2 or more precise)
9	$(105, 91)$
10	$(1250, 1500, 750, 3)$

Answer Key for Relays

Question	Answer
0	$6, 120, 30°$
1	$10, 12, 30.5$
2	$8, 5, 23$
3	$6, 16, 14$