



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING
cemc.uwaterloo.ca

2016 Canadian Team Mathematics Contest

Answer Key for Team Problems

Question	Answer
1	-4
2	13
3	-2
4	<i>ACB</i>
5	2
6	185
7	$\frac{23}{90}$
8	1440
9	57
10	34
11	$\frac{1}{2}$
12	$\frac{2}{3}$
13	$\sqrt[3]{96}$
14	-1
15	23
16	18
17	38
18	$\frac{53}{3}$
19	$\frac{9}{7}$
20	170
21	$1 + \frac{2}{\sqrt{3}}$
22	1806
23	$\frac{a^2 + a}{(a - 1)^2}$
24	$\frac{4c\sqrt{a^2 + b^2}}{\sqrt{a^2 + b^2 + 4c^2}}$
25	50, 51, 52, 53, 54



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING
cemc.uwaterloo.ca

2016 Canadian Team Mathematics Contest
Answer Key for Individual Problems

Question	Answer
1	4
2	20
3	79
4	$\frac{5}{6}$
5	59895
6	506
7	$(-3, 6), (6, 3)$
8	40
9	$\frac{75}{4}$
10	$(\frac{2}{\sqrt{11}}, \frac{5}{\sqrt{11}}), (-\frac{2}{\sqrt{11}}, -\frac{5}{\sqrt{11}}), (\frac{2}{\sqrt{3}}, \frac{1}{\sqrt{3}}), (-\frac{2}{\sqrt{3}}, -\frac{1}{\sqrt{3}})$

Answer Key for Relays

Question	Answer
0	4, 52, 76°
1	9, 3, 11
2	6, 30, 29
3	6, 240, 82