SOUTHERN AFRICAN JUNIOR MATHEMATICS OLYMPIADS
FEMSISA MATHEMATICS OLYMPIADS
GRADES EIGHT AND NINE: 2021
ANSWERS

GRADE 8	
No.	
1	B - 110
2	A - 7000
3	D - 400
4	C - 8
5	B - 94
6	C - 424
7	A - 110^0
8	C - 8
9	D - 18
10	A - $566\frac{2}{9}$
11	C - 20^0
12	B - $29\frac{2}{7}$
13	A - 70
14	D - 16
15	B - 9
16	10^0
17	12
18	1.8
19	$\frac{10}{33}$
20	1

GRADE 9	
No.	
1	C - 3750
2	D - 2027
3	A - 360
4	B - $y = \frac{3}{2}x + \frac{1}{2}$
5	C - $\frac{3}{8x}$
6	B - $64x^3$-y^3
7	A - $\frac{p+9}{5}$
8	D - 2
9	A - 6p
10	C - 16^0
11	B - 80
12	D - 4
13	C - 4
14	B - 4
15	A - 2
16	10
17	1000000
18	9-n
19	4:08
20	8020

1 – 15 = 15 X 1 MARKS = 15
16 – 20 = 5 X 2 MARKS = 10
TOTAL = 25

CERTIFICATES:
Gold: 17+
Silver: 12-16
Bronze: 8-11
Participation: 0-7