

2022 Math Challengers Regional Answer Key (Blitz, Bull's Eye, and Co-op)

Blitz, Page 1

1.  $\frac{1703}{2022}$
2.  $\surd$
3. 674
4. -1
5. 9 km
6. 1262 \$
7. 75 \$

Blitz, Page 2

8.  $\frac{2}{3}$
9. 3746
10. 270
11. 31
12.  $\frac{15}{512}$
13. 1
14. 12

Blitz, Page 3

15. 12
16. 15
17. 33.3%
18. 121
19. 2250
20. 125

Blitz, Page 4

21. 3.6 (litres) or  $18/5$
22. 1280
23.  $\frac{1}{2}$
24. 2520(g)
25. 7(cm)
26. 720

Bull's Eye, Page 1

1. 12
2.  $\frac{1}{16}$
3. 5
4.  $\frac{1}{4}$

Bull's Eye, Page 2

5. 120
6. 10
7. 916
8. 118

Bull's Eye, Page 3

9. 134
10.  $\frac{1}{9}$
11.  $\frac{1}{2}$
12. 7(cm)

Co-op, Page 1

1. 400
2. 2.5
3. 480
4.  $\frac{312}{3125}$
5. 9

Co-op, Page 2

6.  $\frac{1}{2}$
7. ~~96~~ 93
8. 2045254
9. 490( $cm^3$ )
10. 65534(min)

Co-op, Page 3

11. 8
12. 36
13. 150
14. 72
15. 22