

2024 CONNECTICUT COMMUNITY COLLEGES STUDENT MATH CONTEST

ANSWER SHEET

ONE-POINT QUESTIONS

1. (0, 9)

2. 65

3. Phillies

4. 24

5. 153

6. 5

THREE POINT QUESTIONS

15.  $y = 4x - 2$

16. 2

17.  $3x^2 + 5x + 3$

18. 85

19. 84 ft

20. 50

TWO POINT QUESTIONS

7.  $33\frac{1}{3}\%$

8.  $x = -\frac{2}{3}, 1$

9. 3 and 4

10. 3 cm

11. 3

12. 3 and 5

13.  $N = \frac{29}{15}$

14.  $d = \frac{55}{6}, w = \frac{5}{3}$

FOUR POINT QUESTIONS

21. 21.25 cm

22. 72 miles

23. 3

24.  $\sqrt{26} - 2$

25. 15

Name: \_\_\_\_\_

Banner ID: \_\_\_\_\_

Email: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_