

Sprint Round

1. 4.5 pounds

2. $\frac{1}{2}$

3. 78

4. \$24 or 24.00

5. 10

6. 24 years

7. 48 flocks

8. 42

9. 6 days

10. 6 shirts

11. 15 ounces

12. 2 triangles

13. 108

14. 24

15. 111

16. 8 sq units

17. $\sqrt{55}$

18. 47 sq units

Sprint Round

19. 15 minutes

20. 15

21. $\frac{9}{20}$

22. 31

23. 112 values

24. $\frac{255}{64}$

25. $\frac{4}{21}$

26. 20

27. 20

28. 2

29. 52

30. $\frac{\sqrt{3}-1}{2}$ or $\frac{-1+\sqrt{3}}{2}$

Target Round

1. Dave

3. $\frac{5}{9}$

5. 9

7. 279 integers

2. 960 subsets

4. 281 one-digit factors

6. 72 sq units

8. 80

Team Round

1. 98,752

2. 18 degrees

3. $\frac{1}{9}$

4. 1440

5. 5 sequences

6. 72 integers

7. 78 sq inches

8. 5225 cu inches

9. $\frac{9}{32}$

10. 20 sq units

Countdown Round

1. 30 (dollars)

2. 15 (units)

3. 6

4. $486\sqrt{3}$ (sq units)

5. 174

6. $\frac{1}{6}$

7. 3 (kph)

8. 25 (kilometers)

9. 90

10. 1800

11. $\frac{1}{4}$

12. 9

13. 12 (blue marbles)

14. 169 (sq cm)

15. 20 (degrees)

16. 2005

17. 3 (white marbles)

18. 6 (sq units)

19. 4

20. 8 (pounds)

21. 11

22. 54 (centimeters)

23. 32π (cu feet)

24. 3 (points)

25. 39

26. $\frac{8}{15}$

27. $5x + 4y = -13$

28. 40.5 (tons)

29. 10

30. 1955 or '55

31. 24

32. 8

33. 2 (triangles)

34. 10 (ways)

35. $\frac{4}{9}$

36. 11

37. (3, 2)

38. 2 (units)

39. $\frac{30\pi + 9\sqrt{3}}{9\sqrt{3} + 30\pi}$ or

40. $\frac{25}{72}$

Countdown Round

41. 6

42. 100 (degrees)

43. 7

44. $\frac{26}{27}$

45. 40 (percent)

46. 15 (square units)

47. 54

48. 336 (integers)

49. $\frac{3}{8}$

50. 290 (people)

51. 57

52. 24

53. 6.25

54. 5

55. 32 (square units)

56. 64

57. 7

58. 11

59. 4

60. 240 (square units)

61. 30 (dollars)

62. 92 (kilograms)

63. 4

64. 10 (percent)

65. 10 (integers)

66. 52 (inches)

67. $\frac{11}{21}$

68. 12

69. $\frac{7}{8}$

70. 1024

71. 12 (values)

72. 7 (five-dollar bills)

73. 19

74. (page) 509

75. $14\frac{1}{4}$ (tablespoons)

76. 0 (integers)

77. 4

78. 9π (sq meters)

79. 7 (integers)

80. 6