

## Sprint Round Answers

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|-----------------------|----------------------------------|------------------------|
| 1. 35,000             | 11. 135 minutes                  | 21. $\frac{69}{125}$   |
| 2. $\frac{9}{8}$      | 12. 256                          | 22. $\frac{5}{18}$     |
| 3. 214 °F             | 13. 19 feet                      | 23. 26                 |
| 4. \$16 or \$16.00    | 14. 120                          | 24. 45                 |
| 5. 21 units           | 15. 47                           | 25. 5                  |
| 6. 6 feet             | 16. 350 students                 | 26. 56 unit cubes      |
| 7. 72                 | 17. 845                          | 27. 17 sq feet         |
| 8. 40                 | 18. \$135,000 or<br>\$135,000.00 | 28. base 7             |
| 9. 25 student tickets | 19. 36%                          | 29. $224\pi$ sq inches |
| 10. 68                | 20. $\frac{1}{9}$                | 30. -2                 |

## Target Round Answers

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|------------------|------------------|--------------------|----------------|
| 1. \$171.50      | 3. 256 gift bags | 5. 7 triangles     | 7. \$41.25     |
| 2. $\frac{1}{6}$ | 4. 20%           | 6. \$35 or \$35.00 | 8. 144 sq feet |

## Team Round Answers

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|--------------------|----------------|
| 1. \$23.75         | 6. 14          |
| 2. $-\frac{5}{3}$  | 7. 30.8 units  |
| 3. 85.84 sq inches | 8. 17          |
| 4. 3 mph           | 9. 3 quarters  |
| 5. \$20.05         | 10. 1 sq units |

## Countdown Round Answers

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|---------------------|-----------------------------|---------------------|--------------------|
| 1. 25 (percent)     | 16. 52 (units)              | 31. 840             | 46. 1              |
| 2. 266 (km)         | 17. 7                       | 32. 90 (degrees)    | 47. 1 (lines)      |
| 3. 120 (degrees)    | 18. 100 (slices)            | 33. 15.05 (dollars) | 48. 5              |
| 4. 16               | 19. 48 (outfits)            | 34. -144            | 49. 0              |
| 5. 729 (cu units)   | 20. $8x$ (units)            | 35. 30              | 50. 7 (dollars)    |
| 6. 0 (even numbers) | 21. 7 (ways)                | 36. 4 (integers)    | 51. 49 (sq units)  |
| 7. (4, 4)           | 22. 56                      | 37. 168             | 52. 16 (diagonals) |
| 8. 45 (cm)          | 23. 9 (eggs)                | 38. 5 (sq cm)       | 53. $\frac{1}{20}$ |
| 9. 175              | 24. -5                      | 39. 12              | 54. 46             |
| 10. 7500 (dollars)  | 25. 85                      | 40. 96              | 55. 48 (units)     |
| 11. 42 (ways)       | 26. 1 (years)               | 41. 21 (students)   | 56. 24 (feet)      |
| 12. 100 (grams)     | 27. 4 (hours)               | 42. 14 (sq units)   | 57. $\frac{1}{12}$ |
| 13. 12 (digits)     | 28. $16\frac{3}{4}$ (hours) | 43. 118             | 58. 56 (sq miles)  |
| 14. 1006            | 29. -6                      | 44. $\frac{3}{10}$  | 59. -5             |
| 15. 12 (friends)    | 30. 3                       | 45. 3               | 60. $\frac{1}{16}$ |