

Division N

Grade 4

| | | Answers | Score |
|-----|---|----------|-------|
| 1. | Find the missing factor: $4 \times 3 + 4 \times 2 = 4 \times \underline{\hspace{1cm}}$ | 5 | |
| 2. | Elizabeth started counting at 31. She is skip counting by 3. Could she have said the number 46? Answer yes or no. | Yes | |
| 3. | A pizza pie is cut into 8 slices. If each slice is cut into 3 pieces, how many pieces are there altogether? | 24 | |
| 4. | If I have 6 more than 4 dozen eggs, how many eggs do I have? | 54 | |
| 5. | A jigsaw puzzle has 500 pieces of which 86 are edge pieces. How many pieces are not edge pieces? | 414 | |
| 6. | $(1 \times 1) + (10 \times 10) + 10 + 1$ | 112 | |
| 7. | A triple is a group of 3. One dozen pairs equals to ___ triples. | 8 | |
| 8. | How many minutes has passed from 2:55 p.m. to 4:05 p.m.? | 70 [min] | |
| 9. | What is the result when you subtract the first 5 odd numbers by 9? | 16 | |
| 10. | Evaluate: $10,000 + 1,023 + 16$ | 11039 | |
| 11. | Write $12/40$ as a fraction in reduced form. | $3/10$ | |
| 12. | What is 5×22 ? | 110 | |

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| 13. | The sum of two consecutive numbers is 67. What is the smallest number? | 33 | |
| 14. | What is the quotient of 72 and 6? | 12 | |
| 15. | In total, how many 3-digit whole numbers use all three of the digits 1, 2, and 3? | 6 | |
| 16. | Divide 452 by 3. What is the remainder? | 2 | |
| 17. | When filled, a tray holds \$12 worth of quarters. How many quarters are needed to fill this tray? | 48 | |
| 18. | If Lisa is the 7 th tallest of 126 fourth grade students, how many of these students are shorter than Lisa? | 119 | |
| 19. | Fill in the blank: $100 \div 5 = \underline{\hspace{1cm}} \times 5$ | 4 | |
| 20. | At a book sale, I sold half the books, you sold half the remainder, and 40 books were not sold. How many books did we start with? | 160 | |
| 21. | How many of these numbers are multiple of 6? 56, 16, 24, 36, 72, 63, 96 | 4 | |
| 22. | If I spend one-third of my \$120 gift card, how much, in dollars, do I have left? | 80 | |
| 23. | Write $\frac{20}{7}$ as a mixed number. | $2\frac{6}{7}$ | |
| 24. | How many $\frac{1}{3}$ s are there in $7\frac{2}{3}$? | 23 | |

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| 25. | What is the ones' digit of $56 \times 67 \times 78$? | 6 | |
| 26. | Fill in the blank: $2 + 22 + 222 = 2 \times \underline{\hspace{2cm}}$ | 123 | |
| 27. | I got paid \$10 every day starting June 8 through June 30. What is the total amount I receive? | \$230 | |
| 28. | How many edges does a cube have? | 12 | |
| 29. | 2 hours – <u>?</u> minutes = 45 minutes. | 75 | |
| 30. | Paula was born on the 100 th day of the year. What month is her birthday? | April | |
| 31. | What is the remainder when 1000 is divided by 9? | 1 | |
| 32. | Three cookies cost \$1. Josiah bought 15 cookies in all. How much did he pay for the cookies? | 5 | |
| 33. | If 60 cm of snow falls each hour, how much snow, in cm, falls in 100 minutes? | 100 | |
| 34. | What is the perimeter of a rectangle with side lengths 12 and 16? | 56 | |
| TOTAL SCORE | | | |

MATH CHALLENGE TOURNAMENT 2015

GRADE 4

Sprint Math

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FINAL SCORE:

KEY

Name: _____

Team#: _____

- Write your answers in this test booklet.
- Unit is not necessary. If you choose to label your answer, please make sure you write the correct unit. A correct answer with incorrect unit will be marked as an incorrect answer.

Correct answer: 1 point

Blank answer: 0 point

Incorrect answer: 0 point.