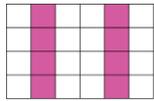


Grade 4

Mental Math (10 minutes)

| | | | Answers | Score |
|-----|---|-----|---------|-------|
| 1. | How many quarters equal to 3 dollars and 75 cents? | 1. | | |
| 2. | What is the least common multiple of 8 and 12? | 2. | | |
| 3. | If twice my number is 16, what is 6 times my number? | 3. | | |
| 4. | Find the ones' digit of the following sum: $999 + 999 + 999$. | 4. | | |
| 5. | What is the sum of the smallest prime number and the largest single-digit prime number? | 5. | | |
| 6. | Lia drank one and a half cup of juice from a pint bottle. How much ounces of juice is left in the bottle? | 6. | | |
| 7. | How many minutes are in $3\frac{1}{3}$ hours? | 7. | | |
| 8. | How many one-thirds are there in $2\frac{2}{3}$? | 8. | | |
| 9. | My uncle was 35 years old 6 years ago. How old will he be 3 years from now? | 9. | | |
| 10. | How many quarters equal to 25 nickels? | 10. | | |
| 11. | A snail can travel 1000 cm in 100 minutes. How many cm can it travel in 3 minute? | 11. | | |
| 12. | What fraction is the shaded part?  | 12. | | |
| 13. | There are 1003 people attending the orchestra. If 87 of them are wearing uniforms, how many are not wearing uniforms? | 13. | | |
| 14. | Which number leaves the greatest remainder when divided by 5? 356 289 655 451 | 14. | | |
| 15. | It is the year of 2016. What is the smallest prime factor of 2016? | 15. | | |

Grade 4

Mental Math (10 minutes)

| | | | | |
|-----|--|-----|--|--|
| 16. | What is $\frac{2}{5}$ of 75? | 16. | | |
| 17. | Find the remainder of $103 \div 3$. | 17. | | |
| 18. | What is half of half of half of 104? | 18. | | |
| 19. | Neev made 24 cookies. He decorated them with raisins and chocolate chips. First he decorated 15 cookies with raisins and then 15 cookies with chocolate chips. At least how many cookies were decorated both with raisins and chocolate chips? | 19. | | |
| 20. | $131 - 61 = 10 \times \star$ Find \star . | 20. | | |
| 21. | What is the sum of the next two numbers on this sequence: 5, 9, 13, 17, ____, ____. | 21. | | |
| 22. | What number is 2 less than the number which is 3 more than 99? | 22. | | |
| 23. | What is the sum of 1 hundred, 11 tens, and 5 ones? | 23. | | |
| 24. | When twice 8 is divided by half of 8, what is the result? | 24. | | |
| 25. | Rohan wrote a one-digit number and then wrote an additional digit to its right. He added 19 to the obtained number and got 72. What number did Rohan write first? | 25. | | |
| 26. | The product of two whole numbers is 5. What is the sum of these two numbers? | 26. | | |
| 27. | The sum of the ages of Ben, Bella, and Bianca is 26. If Ben is 9 and Bianca is 8, how old is Bella? | 27. | | |
| 28. | What is 3 to the power of 4? | 28. | | |
| 29. | How many of the following shapes have an odd number of sides? <i>Square Rhombus Triangle Pentagon Heptagon Decagon</i> | 29. | | |

| | | | | | |
|--------------------|---|-----|--|--|--|
| 30. | Fill in the blank: 60 more than $6 \times \underline{\quad}$ equals to 60. | 30. | | | |
| 31. | In my luggage, I have 5 sweaters and 3 pairs of pants. If I make an outfit of a sweater and a pair of pants, how many different outfits can I make? | 31. | | | |
| 32. | I wrote 5 pages in my journal every 6 days. How many pages would I have written in 30 days? | 32. | | | |
| 33. | Ms. Sargento prepares sandwiches with two slices of bread each. A package of bread has 24 slices. How many sandwiches can she prepare from two and a half packages of bread? | 33. | | | |
| 34. | What is the difference between the two whole numbers whose sum is 13 and whose product is 36? | 34. | | | |
| 35. | I take 4 tablets of vitamin each day and I need enough to last a full week while I am on my vacation. If the vitamin tablets are sold in packs of 5, how many packs do I need to buy so that I have enough for the full week? | 35. | | | |
| 36. | Fill in the blank: 2:25 p.m. is $\underline{\quad}$ minutes before 3:15 p.m. | 36. | | | |
| 37. | Solve: $(2 \times 3 \times 4 \times 5) \div 12$ | 37. | | | |
| 38. | It takes Kanga the Kangaroo 6 seconds to do 4 jumps. How long, in seconds, does it take her to do 10 jumps? | 38. | | | |
| 39. | The sum of two consecutive whole numbers is 2019. What is the difference between those two numbers? | 39. | | | |
| 40. | I have 48 fish. One of every 3 fish is a Guppy. How many guppies do I have? | 40. | | | |
| TOTAL SCORE | | | | | |

MATH CHALLENGE TOURNAMENT 2015

MASTERS

February 27, 2016

MENTAL MATH

Grade 4

Sponsored By Ellipsis Academy



FINAL SCORE:

LAST NAME: _____

FIRST NAME: _____

School: _____ **Grade:** _____

Mental Math Challenge (10 minutes)

- You may not do any written work and only your final answers may be written.
- Any erasure or cross-out will result in the answer being marked wrong.
- Write your answers in this test booklet.
- Units are not necessary. If you choose to label your answer, please make sure you write the correct units. A correct answer with incorrect units will be marked as an incorrect answer.

Correct answer: 1 point

Blank answer: 0 point

Incorrect answer: 0 point