

McConochie Generic Battery (McGB) - Mathematics

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Name: (last) _____, (first) _____

Age: _____ Gender: Male or Female (circle one)

For each of the items below, circle the number of the one correct answer.

- 1 2 3 4 1. Of these numbers, which is the smallest?
(1) 1/100 (2) 1/200 (3) .1 (4) .001
- 1 2 3 4 2. In this number, which digit is in hundredth place? 7531.2896
(1) 8 (2) 9 (3) 5 (4) 3
- 1 2 3 4 3. In this number, which digit is in thousands place? 7419.8356
(1) 9 (2) 6 (3) 5 (4) 7
- 1 2 3 4 4. What is the decimal equivalent of $\frac{3}{4}$?
(1) .34 (2) 3.4 (3) 7.5 (4) .75
- 1 2 3 4 5. $5 \times .6 = ?$
(1) 30 (2) 3.0 (3) .30 (4) .030
- 1 2 3 4 6. $.05 \times .5 = ?$
(1) 25 (2) 55 (3) 2.5 (4) .025
- 1 2 3 4 7. $29.5 \times 4.7 = ?$
(1) 138.55 (2) 1385.5 (3) 1386.5 (4) 138.65
- 1 2 3 4 8. $\frac{3}{8} \times .48 = ?$
(1) .18 (2) .00018 (3) 1.2768 (4) .12768
- 1 2 3 4 9. What is the percentage equivalent of $\frac{5}{6}$?
(1) 5.6 (2) .83 (3) 83 (4) .56
- 1 2 3 4 10. What is the decimal equivalent of 43 percent?
(1) 4.3 (2) 43 (3) .43 (4) 43.3
- 1 2 3 4 11. What is the cube of 4?
(1) 8 (2) 12 (3) 16 (4) 64
- 1 2 3 4 12. Of these numbers, which is the mode? 10 10 12 14 16
(1) 10 (2) 12 (3) 12.4 (4) 31
- 1 2 3 4 13. Which is not a measure of central tendency?
(1) mean (2) medium (3) mode (4) median

Please turn the page and continue...

- 1 2 3 4 14. What is $\frac{4}{8} \times \frac{6}{3} = ?$
 (1) $\frac{1}{4}$ (2) 1 (3) 16 (4) 576
- 1 2 3 4 15. What is 25% of 84?
 (1) 21 (2) $3\frac{9}{25}$ (3) 2100% (4) .21
- 1 2 3 4 16. If six ears of corn cost \$1.20, what will eight ears cost?
 (1) \$16.00 (2) \$18.00 (3) \$1.60 (4) \$1.80
- 1 2 3 4 17. $\frac{4}{5}$ of 16.66 is:
 (1) 1.328 (2) 13.328 (3) 133.28 (4) 1332.8
- 1 2 3 4 18. If there are 16 ounces in a pint and two pints in a quart, how many ounces are in $1\frac{1}{2}$ quarts?
 (1) 16 (2) .24 (3) 32 (4) 48
- 1 2 3 4 19. $4^2 + 3^3 = ?$
 (1) 5 (2) 25 (3) 7^5 (4) 43
- 1 2 3 4 20. If it takes one hour to inspect 45 memory chips, how long will it take to inspect 135 chips?
 (1) 45 min (2) 1 hr, 35 min (3) 1 hr, 45 min (4) 3 hours
- 1 2 3 4 21. $\frac{24}{200}$ is what percent?
 (1) 8.33 (2) 12 (3) 24 (4) 48
- 1 2 3 4 22. $.3 \times .3 \times .3 \times .3 = ?$
 (1) .0081 (2) .81 (3) 12 (4) 81
- 1 2 3 4 23. $\frac{18}{36}$ can be best reduced to what?
 (1) $\frac{9}{18}$ (2) $\frac{18}{2}$ (3) $\frac{1}{2}$ (4) $\frac{2}{1}$
- 1 2 3 4 24. Which number is largest?
 (1) .00999 (2) .0999 (3) .098 (4) .98
- 1 2 3 4 25. What is 7% of 35?
 (1) 2.45 (2) 24.5 (3) 245 (4) .0245
- 1 2 3 4 26. What is the range of these numbers? 3 7 10 12 12 21 36
 (1) 14.43 (2) 14.0 (3) 20.2 (4) 33
- 1 2 3 4 27. What is 325 reduced by 7%?
 (1) 255 (2) 302.25 (3) 318 (4) 347.75
- 1 2 3 4 28. If your production team can reject 5% of parts produced per day and they produce 600 on average per day, how many may be rejected of 600?
 (1) 5 (2) 30 (3) 50 (4) 300

Now, please check to make sure you have answered every item with only one number clearly circled (don't put circles between numbers).