



NMAT Quantitative Aptitude Practice Questions

Set 1: *Fundamental Operation*

Directions: This test will measure your skills in solving basic mathematical operations. Choose the best answer from the given choices.

1. $7.86 \times 4.6 =$

A. 36.156

B. 36.216

C. 351.56

D. 361.56

2. $3 \times 10^5)(2 \times 10^1)$

A. 6×100^6

B. 6×10^5

C. 6×10^6

D. 5×20^6

3. $5.2 \div .004 =$

A. 1.3

B. 13.0

C. 130

D. 1300

4. $(-2)(-3) + 4(5-7) =$

A. -18

B. -3

C. -20



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D. -2

5. $2.41095 - 0.1993 =$

A. 2.6102

B. 2.21165

C. 2.39102

D. 2.39165

6. $3 \cdot \{(300 - 70 \div 5) - [3 \cdot 23 - (8 - 2 \cdot 3)]\}$

A. 2433

B. 657

C. 607

D. -843

7. $2.75 + .003 + .158 =$

A. 4.36

B. 2.911

C. 0.436

D. 2.938

8. $(3x - 2)(4x + 1) =$

A. $12x^2 - 8x - 2$

B. $12x^2 + 5x - 2$

C. $x^2 - 5x - 2$



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D. $12x^2 - 5x - 2$

9. $7/20 =$

A. 0.035

B. 0.858

C. 0.35

D. 3.5

10. Solve the equations:

$$3x + 4y = 11$$

$$x - 2y = -3$$

A. $x = 1$ $y = 2$

B. $x = -1$ $y = 3/4$

C. $x = 2$ $y = -3$

D. $x = 1$ $y = -2$

11. $3(8 - 3) + \sqrt{49}$

A. 28

B. 36

C. 22

D. 40



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12. $(2 \frac{1}{4}) (3 \frac{1}{3}) =$

- A. 15/2
- B. 30/12
- C. 6
- D. 27/40

13. $2 + (\frac{1}{3})^2 - 49$

- A. 35/9
- B. -1 4/9
- C. 17/9
- D. 1 2/3

14. $(.3)^2 + (.03)^2 =$

- A. .099
- B. .9900
- C. .0909
- D. .9090

15. $3[(7 - 5)^2 + (20 - 19)^2] + 14$

- A. 3
- B. 57
- C. 29
- D. 1



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16. $4[3 + 7(9^2)]$

- A. 2280
- B. 15, 888
- C. 69, 696
- D. 17, 424

17. $[2 \div (4 - 2) + 8^2] - [2 - (-1)]^2$

- A. 62
- B. 68
- C. 60
- D. 56



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