# ARITHMETIC

## Simplification Worksheet

For students preparing for MAH-B.BCA/BBA/BMS/BBM CET 2024 for admission to BCA, BBA, BMS, BBM

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1. $([(4)^3 \times (5)^4] \div (4)^5 =)?$
A. 30.0925
B. 39.0625
C. 35.6015
D. 29.0825

2. $(?^2 + 200 \div \sqrt{64} - 6^2 \times 7 = 18 + \sqrt{121})$
A. 12
B. 25
C. 18
D. 16

3. $17.5\% \ of \ 754 = (?^{1/2} + 51.31 + 51.64)$
A. 841
B. 324
C. 625
D. 900

4. $((569.72 + 113.68 - 183.4) \times \sqrt[3]{8} \\ = ?^2 - 24)$
A. 32
B. 35
C. 36
D. 40

5. $(\ 8765 - 3246 + 6783 = 4516 + \ )?$
A. 6786
B. 7786
C. 7876
D. 8776

6. $3735 + 4565 + 6245 = ? + 6432$

A. 8126
B. 8113
C. 6393
D. 7865

7. $324 \div 12 + 29 \times 3 - 48 + 39 = ?$
A. 105
B. 144
C. 120
D. 98

8. $(\frac{185}{37} \times \frac{96}{4} + \frac{1005}{15} - \frac{7}{5} =)?$
A. 145.6
B. 248.8
C. 210.5
D. 185.6

9. $(\frac{2}{5}) of (117 - \frac{3}{5}) of (65 =)?$
A. 40
B. 58
C. 52
D. 39

10. $(\frac{1}{5} \times \frac{1}{4} \times 2000 = ? + 20)$
A. 80
B. 100
C. 120
D. 50

**Answer Key**

| 1. B | 2. D | 3. A | 4. A | 5. B | 6. B | 7. A | 8. D | 9. D | 10. A |
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