

MATH 01 - Arithmetic, Version D03

First test. Time allowed: one hour. Professor Luis Fernández

NAME: _____

INSTRUCTIONS: Solve the following 26 exercises. Each is worth 4 points. **You must show all your work** in order to receive any credit. This includes all **sums, long divisions**, etc.

1. Add: $143 + 121$

2. Add: $6441 + 5232$

3. Subtract: $8543 - 5412$

4. Subtract: $543 - 385$

5. Multiply: 43×32

6. Multiply: 342×201

7. Divide, finding the quotient and remainder:
 $67 \div 8$

8. Divide, finding the quotient and remainder:
 $854 \div 31$

9. Divide: $0 \div 16 =$ (circle the right answer below):

- a) Undefined
- b) 1
- c) 0
- d) 16

10. Divide: $32 \div 0 =$ (circle the right answer below):

- a) 0
- b) 32
- c) 1
- d) Undefined

11. Find the value of the following expression:
 $7 + 3 \times 4$

12. Find the value of the following expression:
 $3 \cdot 7 + 2 \cdot 5$

13. Find the value of the following expression:

$$5 + (-6) - 5 - (-3) + 9$$

14. Find the value of the following expression:

$$3 \times 2^2 - (7 + 3) \times 3 - (6 \div 2 + 1)$$

15. Add: $(-9) + 14$

16. Add: $(-9) + (-15)$

17. Subtract: $(-7) - (-12)$

18. Subtract: $(-32) - 57$

19. Multiply: $(-5) \cdot (-7)$

20. Multiply: $(-36) \cdot 5$

21. Divide: $(-12) \div (-4)$

22. Divide: $72 \div (-18)$

23. Find the value of $|-42|$

24. Find the value of $|4 - |-9||$

25. Evaluate $[15 \div (9 \div 3)]^2$

26. Find the value of $3 \cdot 4 \cdot 2 \div 4 + 3$