

Name: _____

Date: _____

Score: _____ / 19

Order of Operations with Integers

Applying BEDMAS when negative numbers and exponents are involved.

B E D M A S brackets first	$(-4)^2$ = 16	-4^2 = -16	Left to right for $\times \div$ and $+$ -
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Section A — No Brackets

Follow the order of operations.

1. $-8 + 5 \times 3 =$ _____

2. $20 \div (-4) + 7 =$ _____

3. $-6 \times 2 - 9 =$ _____

4. $15 - 4 \times (-3) =$ _____

5. $-36 \div 6 \times 2 =$ _____

6. $7 + (-3) \times 5 =$ _____

Section B — With Brackets

Brackets first.

7. $(-5 + 9) \times 3 =$ _____

8. $(-24 \div 4) + 10 =$ _____

9. $2 \times (-7 + 4) =$ _____

10. $(-8 - 4) \div (-3) =$ _____

11. $(6 - 11) \times (-2) =$ _____

12. $(-3 + 3) \times 15 =$ _____

Section C — With Exponents

Watch the brackets.

13. $(-4)^2 + 5 =$ _____

14. $3^3 - 10 =$ _____

15. $2^3 \div (-2) =$ _____

16. $(-2)^3 + 12 =$ _____

Section D — Word Problems

Show your work.

17. A diver descends 3 m/min for 7 min, then rises 9 m. Final depth?

18. Buy 5 items at \$12 and return 2 at \$12. Net spend?

19. Temperature falls 2 degrees per hour for 9 hours from 5 C. Final?

Order of Operations with Integers — Answer Key

For marking. Accept equivalent correct forms.

Section A — No Brackets

1. 7

2. 2

3. -21

4. 27

5. -12

6. -8

Section B — With Brackets

7. 12

8. 4

9. -6

10. 4

11. 10

12. 0

Section C — With Exponents

13. 21

14. 17

15. -8

16. 4

Section D — Word Problems

17. -12 m

18. \$36

19. -13 C
