1. Consider the following three statements.

$$-2 < -7 \qquad -1 > 5 \qquad -2 > -3$$

Which statements are true?

A) $-2 < -7$ only B) $-1 > 5$ only C) $-2 > -3$ only D) none of these

2. Simplify $|-0.21| =$

A) -0.21 B) -0.21 C) 0.21 D) 2.1

3. Evaluate : $7 - 4(-2) =$

A) 1 B) -1 C) 15 D) -6

4. Subtract: $-\frac{5}{9} - \frac{7}{9} =$

A) $\frac{-12}{0}$ B) $-\frac{4}{3}$ C) $-\frac{14}{9}$ D) $-\frac{2}{9}$

5. Multiply: $(-1.2)(-1.3) =$

A) 0.1 B) 1.56 C) 15.6 D) -2.5

6. Multiply: $-\frac{4}{5}\left(\frac{1}{3}\right) =$

A) $-\frac{4}{15}$ B) $-\frac{3}{2}$ C) $-\frac{7}{15}$ D) $-\frac{3}{15}$

7. Simplify: $\frac{6(4 - 2 \cdot 3) - 6^2}{5^2 - 3^2} =$

A) $-\frac{2}{3}$ B) -5 C) -2 D) -3

8. Simplify: $\left\{\left[\frac{5}{8} \div \left(-\frac{2}{3}\right)\right] 32 + (95 - (-17))\right\} =$

A) 109 B) 76 C) 82 D) 97

9. The value of -4^2 is:

A) -16 B) $\frac{1}{16}$ C) 16 D) $-\frac{1}{16}$

10. Evaluate: $(8 - 2)(15 + 3) =$

A) -108 B) 72 C) 180 D) 108

11. Evaluate: $\frac{10 - 15}{15 - 10} =$

A) -1 B) $-\frac{5}{6}$ C) $1\frac{1}{5}$ D) undefined

12. A number 5 larger than the product of 4 and the opposite of 3 is:

A) $-\frac{20}{3}$ B) -7 C) $\frac{20}{3}$ D) -17

13. $\dfrac{\left(2^3-3^2\right)72}{(-6)^2-(-15(-2)+6)} =$

A) -1 B) 17 C) -3 D) undefined

14. $\left|\left|-12-4(-2)\right|-3^2\right|+1 =$

A) -8 B) 12 C) 6 D) undefined

15. $\dfrac{3^2-5^2}{(3-5)^2} =$

A) -4 B) 1 C) $-\frac{1}{4}$ D) -1

16. $(6.5)(-1.2)^2+1.64 =$

A) 0 B) -7.72 C) 11 D) undefined

17. $(6-3)(5-3)(4-3)(3-3)(2-3)(1-3) =$

A) 720 B) 42 C) -42 D) 0

18. Find and present the answer in lowest terms $\frac{3}{4}\cdot\frac{4}{5}\cdot\frac{5}{6}\cdot\frac{4}{7}\cdot\frac{3}{8} =$

A) $\frac{720}{6720}$ B) $9\frac{1}{3}$ C) $3\frac{1}{9}$ D) $\frac{3}{28}$

19. $\left(\frac{3}{4}\right)\left(\frac{4}{5}\right)\left(\frac{5}{6}\right)\left(\frac{6}{7}\right)\left(\frac{7}{8}\right)\left(\frac{8}{9}\right) =$

A) 1 B) $\frac{1}{2}$ C) $\frac{1}{3}$ D) 0

20. Which fraction is larger, $\frac{5}{11}$ or $\frac{4}{9}$?

A) $\frac{5}{11}$ B) $\frac{4}{9}$ C) They are equal.