1. (2 points) Evaluate: $5^3 - 10^2 + \sqrt{100}$

2. (2 points) Evaluate: $10(5^3 - 2^5)$

3. (2 points) Evaluate: $\frac{4^2 + 3 \cdot 5 + 1}{2^4}$

4. (3 points) Evaluate: $(7^2 + 1)^2 \div (5^3 - 5^2)$

5. (2 points) Find the area of a triangle whose base is 160 feet with the height of 50 feet.
6. (2 points) Translate: 5 less than twice the square of some number. Use $x$ for the unknown.

7. (3 points) Evaluate: $2^2 + 3^3 - 4^2 - 3 \cdot 5$

8. (3 points) Evaluate: $\sqrt{13^2 - 12^2} \cdot \sqrt{3^2 + 4^2}$

9. (3 points) Evaluate: $\frac{4^2 - 3 \cdot 5 - 1}{2^4 - 2 \cdot 8}$

10. Consider a rectangular lot whose length is 32 feet with the width of 15 feet.
   (a) (2 points) Find its area.
   (b) (2 points) Find its perimeter.

11. (2 points) Evaluate: $(-6)^2 - 3| - 12|$
12. A square garden has a side of 4 meters.
   (a) (2 points) Find its area.

   (a) __________

   (b) (2 points) Find its perimeter.

   (b) __________

13. (2 points) Evaluate: \((2^1 - 3^2)^2\)

13. __________

14. (2 points) Evaluate: \(\frac{3 \cdot (-2)^3 - 6 \cdot 4}{-5 \cdot 2 + (-3)^2}\)

14. __________

15. (2 points) Evaluate: \(-3\frac{2}{3} \div 2\frac{1}{5}\)

15. __________

16. (2 points) Evaluate: \(\frac{3}{14} - \left(\frac{-5}{49}\right)\)

16. __________
17. (2 points) Evaluate: \((\frac{2}{3} - \frac{3}{2})^3\)

18. (2 points) Evaluate \(b^2 - 4ac\) for \(a = -2, b = -5\) and \(c = -3\).

19. (2 points) Evaluate \((x^y - y^x)^{101}\) for \(x = 2\) and \(y = 3\).

20. (2 points) Evaluate \(\frac{x^2 + 2x}{x^2 - 4}\) for \(x = -2\).

21. (2 points) Evaluate \(\sqrt{x^2 - y^2}\) for \(x = -10\) and \(y = -8\).