

1. Write as a whole number using digits: two hundred five thousand, six hundred seventeen.

2. Round the above answer to the nearest ten thousand.

3. Simplify: $(-4)^2$

4. Simplify -4^2

5. Simplify: $-32 \div 2 \cdot (8 - 6) - 2^3$

6. Multiply: $3\frac{1}{3} \cdot 4\frac{3}{5}$

7. Convert to a decimal: $\frac{5}{8}$

8. Convert to a decimal: $4\frac{4}{5}$

9. Convert to a fraction: 0.56

10. Find the prime factorization of 252.

11. Divide: $\frac{\frac{3}{4} - \frac{2}{5}}{\frac{2}{3} + \frac{3}{8}}$

12. Divide: $2.87 \div 0.7$

13. Evaluate: $4x^3 - 2|x|$; When $x = -2$

14. Evaluate: $(a - b)^2$; when $a = -7$ and $b = -2$

15. Evaluate $16x - 2y + 3z$; when $x = -1$, $y = -4$, and $z = 3$

16. Add: $7\frac{3}{8} + 4\frac{2}{3}$

17. Add: $23.345 + 6.59$

18. Multiply: $(-0.3)(23.87)$

19. Multiply: $(2000)(0.03)(70)$

20. Find the LMC of 21, 56, and 252.

21. A lap around a normal track is 440 yards. If you are participating in a 10K (that is 10 kilometers) fundraiser how many laps around the track you would you have to complete. Note a 10K is 6.21 miles.