

Precalculus 11 – Flashback #1

1. In an arithmetic sequence, $t_1 = 10$ and $t_2 = 17.5$, what is t_{84} ?
2. Evaluate $6|-2-14|+9$
3. Solve $\sqrt{4x-1}+2=10$. What are the restrictions on x ?
4. Factor: $6x^2+11x-21$
5. Given: 10, -5, 2.5, Determine r .
6. Simplify: $\sqrt{162}$
7. Rationalize: $\frac{6}{1+\sqrt{2}}$
8. Simplify: $(3\sqrt{2}-\sqrt{5})^2+\sqrt{2}(\sqrt{2}+3\sqrt{5})$
9. Solve: $x^2+8x-10=9x$
10. What is the discriminant for the equation $2x^2-5x=9$? What does it tell you about the roots for this equation?

Answers will be found on Mrs. Burton's Edublog >flashback page