

# ANSWER PRESENTATION TOOL

Algebra 1 - Student Edit

6

5 - Exercises

4-36 even, 4

ALL EVEN

Show Solu

ODD

**4.**  $x = 12$

**6.**  $x = 3$

**8.**  $x = 5$

**10.**  $x = 5$

**12.**  $x = -4$

**14.**  $x = -4$

**16.**  $x = 1$

**18.**  $x = -10$

**20.**  $\frac{1}{8}$  is  $2^{-3}$ , not  $2^3$ ;  $(2^{-3})^{5x} = (2^5)^{x+8}$ ;  $2^{-15x} = 2^{5x+40}$ ;  
 $-15x = 5x + 40$ ;  $x = -2$

**22.** D;  $x \approx 3.15$

**24.** A;  $x \approx -2.63$

**26.**  $x \approx 5.29$

**28.**  $x \approx -5.10$

**30.**  $x = 1; x \approx 1.71$

**32.**  $x \approx -0.87$  and  $x \approx 3.81$

**34.**  $x \approx 1.47$

**36.** no solution

**41.** 3 times