

# Solving Linear Equations

Cut the squares apart.  
Match equivalent expressions.  
You should get a new 4 X 4 square.

|            |           |              |             |        |                 |           |             |              |
|------------|-----------|--------------|-------------|--------|-----------------|-----------|-------------|--------------|
|            | $x-8=100$ |              | $X=74$      |        | $5x-8=9$        |           | $X=-24.5$   |              |
| $270$      |           | $x-4=-12$    | $8=x$       | $x=5$  | $1=-x(5/1)$     | $x=6$     | $36/x=6$    | $16-x=12+2x$ |
|            | $2x-5=3$  |              | $7x-1=-50$  |        | $4x-8=-8+5x$    |           | $x=-2$      |              |
|            | $X=4$     |              | $X=-7$      |        | $X=0$           |           | $6x=-12$    |              |
| $5x-4=9-x$ |           | $X=4.5$      | $81=x^4$    | $x=2$  | $01=9+x^2$      | $6-x=18$  | $21=-x$     | $x=21$       |
|            | $5x=-50$  |              | $X=5$       |        | $5(x-15)=25$    |           | $X=40$      |              |
|            | $X=-10$   |              | $2(x+2)=14$ |        | $X=20$          |           | $0.25x-2=8$ |              |
| $270=5-x$  |           | $X=-11$      | $25=x^2-30$ | $X=6$  | $03=-21-x^3$    | $72-8x=0$ | $6=X$       | $5.75=x$     |
|            | $x/8=7$   |              | $14=x/3+4$  |        | $x=-17$         |           | $X+5=1$     |              |
|            | $56=x$    |              | $X=30$      |        | $3(x-3)=4(x+2)$ |           | $X=-4$      |              |
| $91-2x=5$  |           | $6x-100=-4x$ | $01=X$      | $x=91$ | $6=x-001$       | $6x=150$  | $x=52$      | $16=2x-5$    |
|            | $X=44$    |              | $2x=x+52.5$ |        | $x^2=625$       |           | $X=-72$     |              |