45 7x-10 = (7x-10)4

Bell Work:

Solve.

$$4457x-10 + 12 = 32$$

$$4457x-10 = 20$$

$$457x-10 = 20$$

$$7x-10 = 5$$

$$7x-10 = 625$$

$$7x-635$$

$$7x=635$$

$$x=635/7$$

Solve

1)
$$3 + (4-x)^{\frac{3}{2}} = 11$$
 $(4-x)^{\frac{3}{2}} = 8$
 $4-x = 8$
 $4-x = (3)$
 $4-x = 4$
 $-x = 6$
 $x = 0$

(2)
$$3(x+3)^{\frac{3}{4}}=81$$

 $(x+3)^{\frac{3}{4}}=37$
 $x+3=27^{\frac{3}{4}}$
 $x+3=(3\sqrt{27})^{\frac{1}{4}}$
 $x+3=81$
 $x=78$

3)
$$(x+5)^{\frac{2}{3}} = 4$$
 $(3+5)^{\frac{2}{3}} = 4$
 $(x+5)^{\frac{2}{3}} =$

*If the numerator of exponent is even, then create an absolute value equation after moving the exponent and simplifying.