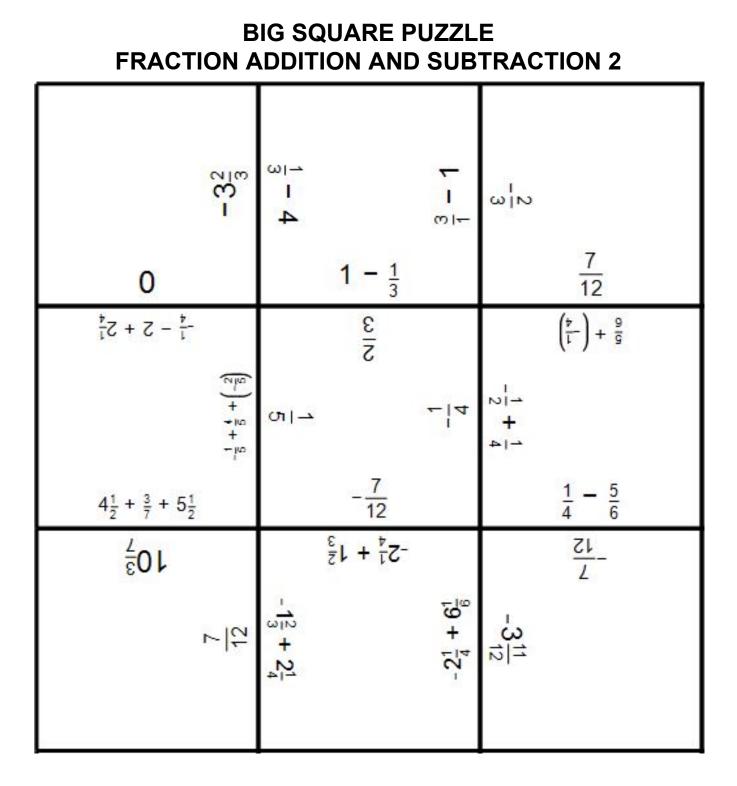


BIG SQUARE PUZZLES

Big Square Puzzles are a great way to practice arithmetic and algebra ideas. To get started, pick and print a puzzle, cut up the pieces, and mix them up. To solve the puzzle, arrange the square pieces so that the expressions or equations on the pieces' edge are equal to each other. For extra fun, print the puzzle template at the end of this file and make your own puzzle for your parents to try!

BIG SQUARE PUZZLE INTEGER ADDITION AND SUBTRATION

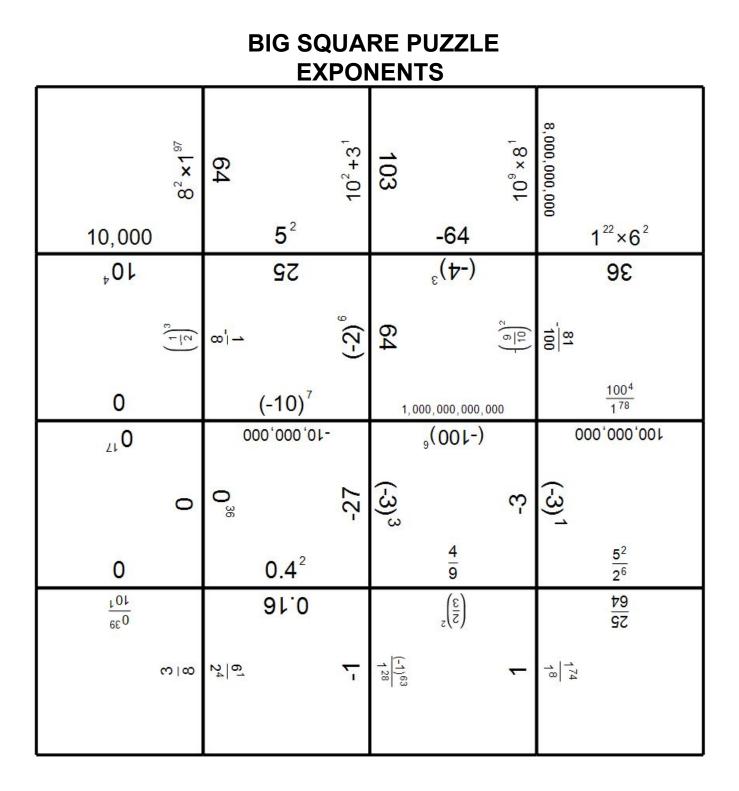
ເດ + ເດ 12 - (-6)	10 ° 5 + (-5)	2 7 4 - 7 6 + 1	່. + 5 -3
-8 81 81 7 = (-4)	0 ⊐ ℃ -4	۲ -6 - (-1) -6 - (-1)	0 + E- 1 5 + 3 -1 - (-6)
-9 - 2	-9 + 5	t - L-	G
~ 3	υ υ υ υ υ υ υ υ υ υ υ υ υ υ	ν - ν - ν - τ - τ - τ - τ - τ - τ - τ - τ	



BIG SQUARE PUZZLE SOLVING EQUATIONS WITH RATIONAL COEFFIENTS 1									
	-3x+7=1	x=2		-9- <i>x</i> =-1	<i>x</i> =-8		x=2.5	-2(x-1)=-3	
x=-2			x=-0.5			13=9 <i>x</i>			-5x-4=-3
8-=x£+x			(l-x2)4=8-			$\frac{6}{13} = X$			<u>⁹</u> -=X
	5x-3=6	$x = \frac{9}{5}$		$x = \frac{8}{5}$	$4 = \frac{5x}{2}$		5 = -2x - 7	x=-6	
x=2.5			6 <i>x</i> -8 <i>x</i> +5=11	1		$x = -\frac{4}{5}$			-6=2+4 <i>x</i>
$ -x = \frac{z}{\varepsilon}$ $2(x+9) = 2$	x=25	$\left(\frac{2}{5}\right)X = 10$	x= ⁸ / _∂	14=2(x+10)+2	x=-4	$\frac{g}{t} = \frac{t}{x}$ $\mathbf{x} = -\frac{4}{5}$	x=-4	x+1=-3	Z-=X 8x-4=-8
8-=X			$0 = \frac{8}{6} - X$			<u>5</u> G=6+ХС			$X = -\frac{5}{4}$
	0=3x-6	x=2	- 0	$x = \frac{9}{8}$	-8x+4=-5		x=-3	9=3-2x	F

BIG SQUARE PUZZLE SOLVING EQUATIONS WITH RATIONAL COEFFICIENTS									
	-5 = 4 + x	<mark>6-=</mark> X		-8 + x = 0	x=8		12=×+7	х=5	
x=1			x+3=2x-x-4			x=12			5= <i>x</i> +4
x4-4=0			snoitulos on			x9-63=x35.0-8-			↓=X
	3-6 <i>x</i> - <i>x</i> =-53	<mark>8=</mark> X		17 = -6x + 3x + 10	e=x		-12+24x=-1x+188	x=8	
x=-9			0=7x+2x-9			<i>x</i> =11			4x=4
9 7- =6+x9	<mark>x=-6</mark>	-1+4x=6x+11	L =X	x=11	-x+4=-3x+26	r-=x4-x€+0r	<u>х=-11</u>	-5x-4=45.5-0.5x	L =X
x=-5			-54 = 3x - 7x - 10			x=0			0.25x=1
-4X-7=13	6=X	10-2x=-8	↓	x=2	2.5 = x + 0.5	9-=x+9-x8.0	x=4	6 <i>x</i> -3=21	<i>†=X</i>

BIG SQUARE PUZZLE SOLVING LINEAR SYSTEMS							
4x+2y=30 -4x-y=-33	$E^{-}=K' = K$ -2x + y = 27 2x + 5y = 27	е= <i>у</i> , <i>у</i> =9					
x=-9, y=8	3 <i>x</i> - <i>y</i> =-11 5 <i>x</i> - <i>y</i> =-19	x=7,y=3					
5x−2y=-58 -5x−5y=5	r-=γ, μ-=x	5x-4y=-26 5x+2y=20					
3x+3y=-3 -3x+2y=43	$8=A' 6^{-}=X$ 3x+6y=51 x+3y=25	x=1,y=8					
x=1,y=-4	4x+y=24 -5x-y=-30	x=4,y=-5					
x=4, y=3 2x+2y=-6 -6x-5y=14	$ \begin{array}{l} 6 = x \\ 0 = x \\ 0 = x \\ x = -2x - y = -11 \\ x = -2x - y = -11 \end{array} $	$g = \frac{1}{2} \begin{cases} x \\ g = \frac{1}{2} \\ g = \frac{1}{2$					



BIG SQUARE PUZZLE TEMPLATE