

Online Instructional Support Corresponding to Math for Elementary Education Pretest Items

ITEM #	TOPIC	Internet Support	MORE Internet Support
1	place value	http://www.mathsisfun.com/place-value.html	http://www.mathsisfun.com/decimals.html
2	round decimal	http://www.mathsisfun.com/rounding-numbers.html	
3	add common fraction	http://www.purplemath.com/modules/fraction.htm	http://www.mathsisfun.com/fractions-menu.html
4	subtract mixed numeral		
5	multiply mixed numeral		
6	divide mixed numeral		
7	integer operations	http://www.purplemath.com/modules/negative.htm	http://www.mathsisfun.com/positive-negative-integers.html
		http://www.purplemath.com/modules/negative2.htm	
		http://www.purplemath.com/modules/negative3.htm	http://www.mathsisfun.com/multiplying-negatives.html
8	decimal addition	http://www.mathsisfun.com/adding-decimals.html	
9	decimal subtraction	http://www.mathsisfun.com/subtracting-decimals.html	
10	signed decimal multiplication	http://www.mathsisfun.com/multiplying-decimals.html	
11	decimal division	http://www.mathsisfun.com/dividing-decimals.html	
12	convert decimal to fraction	http://www.purplemath.com/modules/percents2.htm#Decimal to Fraction	http://www.mathsisfun.com/convertng-decimals-fractions.html
13	convert frac w/ denom=power of 10 to decimal	http://www.mathsisfun.com/convertng-fractions-decimals.html	
14	convert common frac to decimal	http://www.purplemath.com/modules/percents2.htm#Fraction to Decimal	http://www.mathsisfun.com/convertng-fractions-decimals.html
15	convert improper fraction to mixed numeral	http://www.purplemath.com/modules/fraction.htm	http://www.mathsisfun.com/mixed-fractions.html
16	inequality compare fraction and decimal	http://www.youtube.com/watch?v=PZDg0_djUtE	
17	put three common fractions in order	http://www.youtube.com/watch?v=4CGEssgAIIA	
18	find simple percent of a whole number	http://www.purplemath.com/modules/percntof.htm	http://www.mathsisfun.com/percentage.html
19	whole number order of operations	http://www.purplemath.com/modules/orderops.htm	http://www.mathsisfun.com/operation-order-pemdas.html
20	neg integer raised to a power	http://www.purplemath.com/modules/negative4.htm	http://www.youtube.com/watch?v=oPB9_wc83iA
21	simplify "pythagorean" square root expression	http://www.purplemath.com/modules/pythagthm2.htm	
22	evaluate variable expression with exponent (input negative integer)	http://www.mathsisfun.com/algebra/substitution.html	
23	evaluate variable expression with exponent (input positive integer)		
24	solve equation in one variable w/ parentheses	http://www.youtube.com/watch?v=9P5Y3wp1FTU	http://www.youtube.com/watch?v=dicH8tewRlc
25	solve equation in one variable with one fractional coefficient	http://www.youtube.com/watch?v=zCC5Ry1miMk	http://www.youtube.com/watch?v=NQQ_Q7_lis8
26	solve a simple proportion	http://www.mathsisfun.com/algebra/proportions.html	
27	read value on a metric ruler (mm or cm)	http://www.youtube.com/watch?v=iGQjDLWdk0M	http://www.youtube.com/watch?v=GbOu0d18mSg
28	read a value on customary ruler (in inches)	http://www.youtube.com/watch?v=D-6haqDmQII	
29	find perimeter of figure having only right angles w/ some missing measures	http://www.youtube.com/watch?v=6oxr1cB4NK0	
30	find area of triangle, parallelogram, or circle	http://www.youtube.com/watch?v=wIoSYSHEfkg_(stop at 8:30)	http://www.mathsisfun.com/area.html
		http://www.youtube.com/watch?v=eBAAsK9jB91I	