Math Packets 1&2 Combined - Choose your own activities - 4 Pages due July SS Day, other 4 on 1st day in class

Math Activity Options - EE - Math is all around us. Choose any of these activities, or make up your own, find ones that best fit your level. Then draw and write about what you did. Explain.

Sort items by size, then take the same items and sort them by weight. Actually weigh and measure the items.

Pick some pine needles off a tree. Count how many are in a group. Demonstrate addition and multiplication with them. Want a big challenge? – compute to estimate how many needles are on the whole tree.

Measure the length and width of your bathroom or kitchen. Figure out how many 12”x 12” tiles it would take to redo the floor. Now figure, how many tiles it would take if they were 8”x 8”?

Get a one-cup measuring cup and clear plastic bottles of different sizes (milk, juice, salad dressing, soda, mayonnaise, etc, maybe check the recycling bin). Estimate how many cups will go into each container, then measure and pour to determine the actual count.

Count all the windows & doors in your house.

Compute several people's ages from their birth dates.

Go bowling. Keep score manually instead of letting the computer do it.

Play 7-11-or doubles. Dice game -Shake 2 dice, keep adding up what you shake. You can go as many times during your turn as you want, but if you shake a 7 or 11 it zeros out your turn and your turn is over. If you shake doubles you have to shake again. If you touch the dice to pass them, you have to shake again. When your turn is over, write your score down. First person to reach 200 wins.

Gather a jar of coins, when full, sort and count them. Write down how many of each coin and the total.

On any outing, bring a tape measure. Find something less than 10 inches, find something that is a square, list the inches or cm for the sides, a rectangle, list inches or cm, something 3 meters or feet, etc…

Visit the zoo or large park or other interesting place and create a map.

Play Toss Up: Addition to 100 OR Multiplication to 500 - All you need to play is a deck of playing cards, paper and pencils. 1. Take turns drawing 3 cards from the pack and tossing them into the air. 2. Add (or multiply) the value of every card that lands face up (aces = 1, jacks = 11, queens = 12, and kings = 13.) Players earn those points. 3. The first player to reach goal points wins!

Help plan vacation/trip: research attractions, compare and contrast the costs, calculate daily mileage if driving.

At a restaurant, estimate what the bill will be before it comes. Check the total. Figure the tip. Find 20% of several totals.

Time the commercials in several TV shows. Which had the most commercials per half hour? The least? Figure the percentage if you can. Compute the average time spent on commercials in three hours.

Do a favorite activity, write your starting and ending time and find the lapsed time. Add it up for the week.

Measure your footsteps. Repeat few times to be sure. Walk across your yard and count – how many steps? Multiply to find the length of your yard. Measure to see how close you are. Try it for other places.

Find a Recipe for something you like. Figure out the quantities to make double or triple. Make it.

Math Activity Page

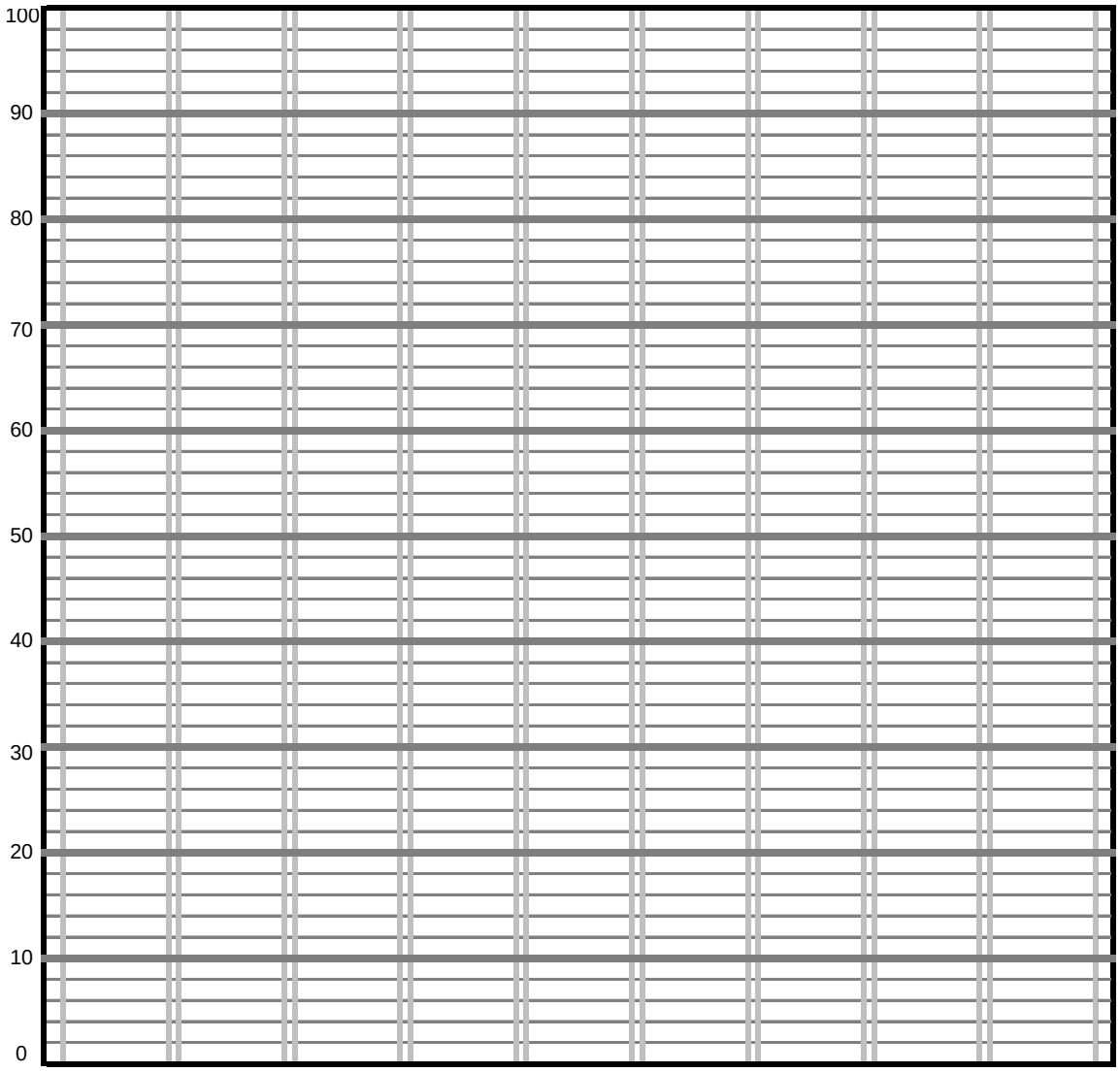
Choose any activity from the Math Activity Options, or make up your own, then draw and write about what you did here. Explain. Show your work and your answer.

Math Facts Speed Practice + 2~4 Higher-level skills are where we're heading but it's all so much easier if you have automatic recall of basic facts. Use manipulatives to learn to add, subtract, multiply, divide and more. Practice as much as you can, then go for speed. Memorize the facts. These sheets are organized to make them easier, once you know them well, mix problems up.

Goal is to finish in three minutes - Beginners fold and try just a section at a time, as students advance try for completing the whole sheet in that time.

2 + 2	4 + 2	6 + 2	8 + 2	1 + 2	3 + 2	5 + 2	7 + 2	9 + 2
4 + 2	6 + 2	3 + 2	5 + 2	7 + 2	2 + 2	9 + 2	1 + 2	8 + 2
2 + 2	5 + 2	6 + 2	9 + 2	8 + 2	1 + 2	3 + 2	7 + 2	4 + 2
1 + 3	3 + 3	5 + 3	7 + 3	9 + 3	2 + 3	4 + 3	6 + 3	8 + 3
2 + 3	5 + 3	7 + 3	3 + 3	8 + 3	4 + 3	9 + 3	6 + 3	1 + 3
2 + 3	5 + 3	6 + 3	9 + 3	8 + 3	1 + 3	3 + 3	7 + 3	4 + 3
6 + 4	3 + 4	4 + 4	2 + 4	7 + 4	5 + 4	9 + 4	1 + 4	8 + 4
2 + 4	5 + 4	7 + 4	3 + 4	8 + 4	4 + 4	9 + 4	6 + 4	1 + 4

How many years? Find the ages of your family members, include some aunts, uncles, grandparents, etc . Color in boxes to make a **bar graph.**



Person: _____ _____ _____ _____ _____ _____ _____ _____ _____

Which two ages are closest together? _____ How close are they? _____

How many years of life do you all have added up together? _____

Do any two people add up to a multiple of 10? Who, how? _____

Hit 100 - What combination of ages gets you closest to 100?_____

How close? Write the equation: _____

What is the difference in age between the youngest and oldest?_____

Make up another question and answer it:

_____

_____

Math Facts Speed Practice + 5~ Higher-level math skills are where we're heading but it's all so much easier if you have automatic recall of basic facts. Use manipulatives to learn to add, subtract, multiply, divide and more. Practice as much as you can, then go for speed. Memorize the facts. These sheets are organized to make them easier, once you know them well, mix problems up. Keep working to higher levels.

Goal is to finish in three minutes - Beginners fold and try just a section at a time, as students advance try for completing the whole sheet in that time.

2 + 5	4 + 5	6 + 5	8 + 5	1 + 5	3 + 5	5 + 5	7 + 5	9 + 5
4 + 5	6 + 5	3 + 5	5 + 5	7 + 5	2 + 5	9 + 5	1 + 5	8 + 5

2 + 10	5 + 10	6 + 10	9 + 10	8 + 10	1 + 10	3 + 10	7 + 10	4 + 10
2 + 9	5 + 9	6 + 9	9 + 9	8 + 9	1 + 9	3 + 9	7 + 9	4 + 9
1 + 9	3 + 9	5 + 9	7 + 9	9 + 9	2 + 9	4 + 9	6 + 9	8 + 9

2 + 6	5 + 6	6 + 6	9 + 6	8 + 6	1 + 6	3 + 6	7 + 6	4 + 6
6 + 7	3 + 7	4 + 7	2 + 7	7 + 7	5 + 7	9 + 7	1 + 7	8 + 7
6 + 8	3 + 8	4 + 8	2 + 8	7 + 8	5 + 8	9 + 8	1 + 8	8 + 8

Math Activity Page

Choose any activity from the Math Activity Options, or make up your own, then draw and write about what you did here. Explain. Show your work and your answer.

Math Facts Speed Practice + x2 Higher-level skills are where we're heading but it's all so much easier if you have automatic recall of basic facts. Use manipulatives to learn to add, subtract, multiply, divide and more. Practice as much as you can, then go for speed. Memorize the facts. These sheets are organized to make them easier, once you know them well, mix problems up.

Goal is to finish in three minutes - Beginners fold and try just a section at a time, as students advance try for completing the whole sheet in that time.

1 + 1	2 + 2	3 + 3	4 + 4	5 + 5	6 + 6	7 + 7	8 + 8	9 + 9
4 + 4	6 + 6	3 + 3	5 + 5	7 + 7	2 + 2	9 + 9	1 + 1	8 + 8
2 + 2	5 + 5	6 + 6	9 + 9	8 + 8	1 + 1	3 + 3	7 + 7	4 + 4
5 + 5	7 + 7	2 + 2	9 + 9	4 + 4	6 + 6	3 + 3	1 + 1	8 + 8

1 x 2	2 x 2	3 x 2	4 x 2	5 x 2	6 x 2	7 x 2	8 x 2	9 x 2
4 x 2	6 x 2	3 x 2	5 x 2	7 x 2	2 x 2	9 x 2	1 x 2	8 x 2
1 x 2	3 x 2	5 x 2	7 x 2	9 x 2	2 x 2	4 x 2	6 x 2	8 x 2
2 x 2	5 x 2	7 x 2	3 x 2	8 x 2	4 x 2	9 x 2	6 x 2	1 x 2

Complete the Hundred Chart. Look for patterns.

1		3	4		6	7		9	
11		13			16				20
21	22		24	25				29	30
	32				36	37			
	42	43			46			49	
51			54					59	60
						67			70
71		73	74		76	77			
	82				86			89	
91		93		95		97		99	100

Underline all multiples of 2 with red. These are also called _____ numbers.

Put a black X on all multiples of 5. These all end in _____ or _____.

Draw a blue triangle arounf all multiples of 3. Notice a pattern?

Challenge- Continue to mark multiples of 4, 6, 7, 8 and 9.

All numbers left are prime numbers, Finish this list of the first ten Prime Numbers:

2, 3, 5, 7, 11, _____, _____, _____, _____, _____,

Math Facts Speed Practice x 2~4 Higher-level skills are where we're heading but it's all so much easier if you have automatic recall of basic facts. Use manipulatives to learn to add, subtract, multiply, divide and more. Practice as much as you can, then go for speed. Memorize the facts. These sheets are organized to make them easier, once you know them well, mix problems up.

Goal is to finish in three minutes - Beginners fold and try just a section at a time, as students advance try for completing the whole sheet in that time. Once you master these, memorize higher facts.

2 x 2	4 x 2	6 x 2	8 x 2	1 x 2	3 x 2	5 x 2	7 x 2	9 x 2
4 x 2	6 x 2	3 x 2	5 x 2	7 x 2	2 x 2	9 x 2	1 x 2	8 x 2
2 x 2	5 x 2	6 x 2	9 x 2	8 x 2	1 x 2	3 x 2	7 x 2	4 x 2
4 x 2	6 x 2	3 x 2	5 x 2	7 x 2	2 x 2	9 x 2	1 x 2	8 x 2
1 x 3	3 x 3	5 x 3	7 x 3	9 x 3	2 x 3	4 x 3	6 x 3	8 x 3
2 x 3	5 x 3	7 x 3	3 x 3	8 x 3	4 x 3	9 x 3	6 x 3	1 x 3
6 x 4	3 x 4	4 x 4	2 x 4	7 x 4	5 x 4	9 x 4	1 x 4	8 x 4
2 x 4	5 x 4	7 x 4	3 x 4	8 x 4	4 x 4	9 x 4	6 x 4	1 x 4

Math Activity Page

Choose any activity from the Math Activity Options, or make up your own, then draw and write about what you did here. Explain. Show your work and your answer.

Math Facts Speed Practice + 2~4 Higher-level skills are where we're heading but it's all so much easier if you have automatic recall of basic facts. Use manipulatives to learn to add, subtract, multiply, divide and more. Practice as much as you can, then go for speed. Memorize the facts. These sheets are organized to make them easier, once you know them well, mix problems up.

Goal is to finish in three minutes - Beginners fold and try just a section at a time, as students advance try for completing the whole sheet in that time.

2 + 2	4 + 2	6 + 2	8 + 2	1 + 2	3 + 2	5 + 2	7 + 2	9 + 2
4 + 2	6 + 2	3 + 2	5 + 2	7 + 2	2 + 2	9 + 2	1 + 2	8 + 2
2 + 2	5 + 2	6 + 2	9 + 2	8 + 2	1 + 2	3 + 2	7 + 2	4 + 2
1 + 3	3 + 3	5 + 3	7 + 3	9 + 3	2 + 3	4 + 3	6 + 3	8 + 3
2 + 3	5 + 3	7 + 3	3 + 3	8 + 3	4 + 3	9 + 3	6 + 3	1 + 3
2 + 3	5 + 3	6 + 3	9 + 3	8 + 3	1 + 3	3 + 3	7 + 3	4 + 3
6 + 4	3 + 4	4 + 4	2 + 4	7 + 4	5 + 4	9 + 4	1 + 4	8 + 4
2 + 4	5 + 4	7 + 4	3 + 4	8 + 4	4 + 4	9 + 4	6 + 4	1 + 4

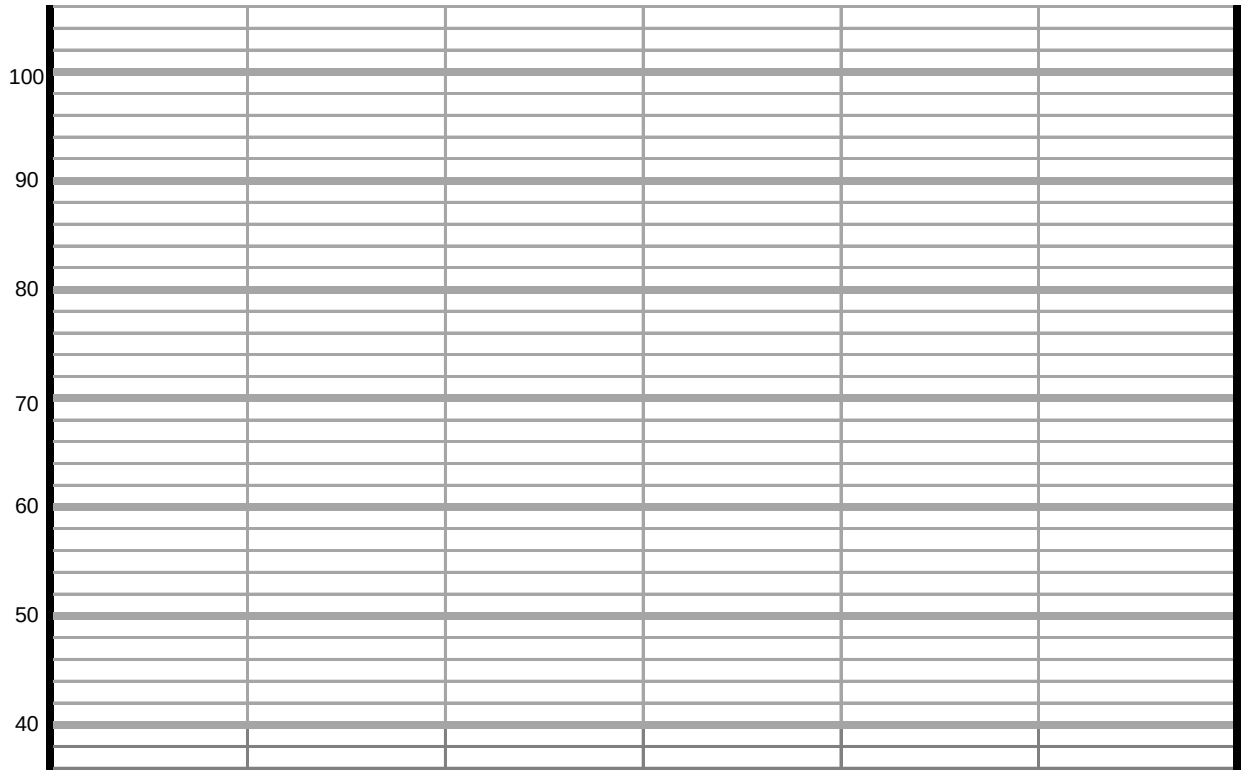
Check the Weather - Line Graph! -

Graph the high and low temperatures on five days. You could do five days in a row, alternating, or weekly for five weeks

Directions:

Put a dot to mark each temperature above its date.

Use red for high and blue for low temperatures and connect the dots to make a line graph. Compare the differences.



Date: _____ _____ _____ _____ _____

Which day was hottest? _____ Coldest? _____

What was biggest change in temp. from day to night? _____

Make up another question and answer it:

_____

_____

Math Facts Speed Practice + 5~ Higher-level math skills are where we're heading but it's all so much easier if you have automatic recall of basic facts. Use manipulatives to learn to add, subtract, multiply, divide and more. Practice as much as you can, then go for speed. Memorize the facts. These sheets are organized to make them easier, once you know them well, mix problems up. Keep working to higher levels.

Goal is to finish in three minutes - Beginners fold and try just a section at a time, as students advance try for completing the whole sheet in that time.

2 + 5	4 + 5	6 + 5	8 + 5	1 + 5	3 + 5	5 + 5	7 + 5	9 + 5
4 + 5	6 + 5	3 + 5	5 + 5	7 + 5	2 + 5	9 + 5	1 + 5	8 + 5

2 + 10	5 + 10	6 + 10	9 + 10	8 + 10	1 + 10	3 + 10	7 + 10	4 + 10
2 + 9	5 + 9	6 + 9	9 + 9	8 + 9	1 + 9	3 + 9	7 + 9	4 + 9
1 + 9	3 + 9	5 + 9	7 + 9	9 + 9	2 + 9	4 + 9	6 + 9	8 + 9

2 + 6	5 + 6	6 + 6	9 + 6	8 + 6	1 + 6	3 + 6	7 + 6	4 + 6
6 + 7	3 + 7	4 + 7	2 + 7	7 + 7	5 + 7	9 + 7	1 + 7	8 + 7
6 + 8	3 + 8	4 + 8	2 + 8	7 + 8	5 + 8	9 + 8	1 + 8	8 + 8

Multiplication Chart

Complete the Multiplication Chart. Try to memorize all the facts for instant recall.

1		3		5	6	7	8			11	12
2	4		8	10	12					22	
	6	9				21					36
					24				40		
5									50		
				30	36		48			66	72
7	14		28		42				70		84
				40		56		72		88	
9	18								90		108
10			40				80				
					66				110		132
12	24			60	72		96				144

In mathematics, a **square** is the result of multiplying **a number** by itself, like 2 x 2 or 3 x 3. The verb "to **square**" is used to denote this operation.

Color all the square numbers. What direction iss the line? _____

Look for other patterns. Write something interesting you see.

_____

Math Facts Speed Practice + x2 Higher-level skills are where we're heading but it's all so much easier if you have automatic recall of basic facts. Use manipulatives to learn to add, subtract, multiply, divide and more. Practice as much as you can, then go for speed. Memorize the facts. These sheets are organized to make them easier, once you know them well, mix problems up.

Goal is to finish in three minutes - Beginners fold and try just a section at a time, as students advance try for completing the whole sheet in that time.

1 + 1	2 + 2	3 + 3	4 + 4	5 + 5	6 + 6	7 + 7	8 + 8	9 + 9
4 + 4	6 + 6	3 + 3	5 + 5	7 + 7	2 + 2	9 + 9	1 + 1	8 + 8
2 + 2	5 + 5	6 + 6	9 + 9	8 + 8	1 + 1	3 + 3	7 + 7	4 + 4
5 + 5	7 + 7	2 + 2	9 + 9	4 + 4	6 + 6	3 + 3	1 + 1	8 + 8

1 x 2	2 x 2	3 x 2	4 x 2	5 x 2	6 x 2	7 x 2	8 x 2	9 x 2
4 x 2	6 x 2	3 x 2	5 x 2	7 x 2	2 x 2	9 x 2	1 x 2	8 x 2
1 x 2	3 x 2	5 x 2	7 x 2	9 x 2	2 x 2	4 x 2	6 x 2	8 x 2
2 x 2	5 x 2	7 x 2	3 x 2	8 x 2	4 x 2	9 x 2	6 x 2	1 x 2

Math Activity Page

Choose any activity from the Math Activity Options, or make up your own, then draw and write about what you did here. Explain. Show your work and your answer.

Math Facts Speed Practice x 2~4 Higher-level skills are where we're heading but it's all so much easier if you have automatic recall of basic facts. Use manipulatives to learn to add, subtract, multiply, divide and more. Practice as much as you can, then go for speed. Memorize the facts. These sheets are organized to make them easier, once you know them well, mix problems up.

Goal is to finish in three minutes - Beginners fold and try just a section at a time, as students advance try for completing the whole sheet in that time. Once you master these, memorize higher facts.

2 x 2	4 x 2	6 x 2	8 x 2	1 x 2	3 x 2	5 x 2	7 x 2	9 x 2
4 x 2	6 x 2	3 x 2	5 x 2	7 x 2	2 x 2	9 x 2	1 x 2	8 x 2
2 x 2	5 x 2	6 x 2	9 x 2	8 x 2	1 x 2	3 x 2	7 x 2	4 x 2
4 x 2	6 x 2	3 x 2	5 x 2	7 x 2	2 x 2	9 x 2	1 x 2	8 x 2
1 x 3	3 x 3	5 x 3	7 x 3	9 x 3	2 x 3	4 x 3	6 x 3	8 x 3
2 x 3	5 x 3	7 x 3	3 x 3	8 x 3	4 x 3	9 x 3	6 x 3	1 x 3
6 x 4	3 x 4	4 x 4	2 x 4	7 x 4	5 x 4	9 x 4	1 x 4	8 x 4
2 x 4	5 x 4	7 x 4	3 x 4	8 x 4	4 x 4	9 x 4	6 x 4	1 x 4