Measurement Choice Board

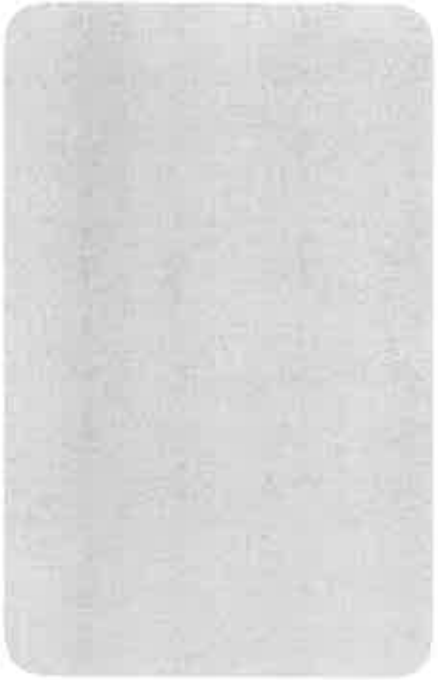
 Look around your room. Find five things you can measure using a ruler. Record them on a piece of paper.	 Write a letter or film a video teaching someone how to use a ruler for the first time. Make sure to teach them how to line it up and what to do if your ruler doesn't start on a zero.	 **Build a City** Use blocks or legos to build a city. Measure different parts of your city using a ruler. Make a poster about your city. Name it and list the measurements.
 Use your hand to measure a table. Next have an adult use their hand to measure the same table. Do your answers match? Write a letter to your teacher and tell why they do or do not match.	 Sarah and Mina got new pencils. Sarah measured hers with snap cubes and Mina measured hers with toothpicks. Sarah's measured 9 cubes and Mina's measured 3 toothpicks. Mina is sad that hers measured shorter. Should she be sad? What is different about their measurements? Talk about it with an adult.	 Partner up with a sibling or a parent and measure each other using a ruler. 1. Length of arm 2. Length of leg 3. Length of foot 4. Length of hand 5. Length from knee to foot 6. Length from elbow to fingertips
 On a nice day, go outside and make a line. Put your toes on the line and jump with both feet to see how far you can jump. Measure with a measuring tape if your parents have one or you may use a ruler. Practice and record your 3 best distances.	 **Scavenger Hunt** Take a walk, either in your yard or with your parents and find five things that you can measure outside. Create a book about your hike and draw each item you found and tell its length.	 This baby owl is 6 inches tall. Estimate the height of the mother owl. 1 foot 2 feet 3 feet Create your own "estimate it" challenge.

3. Find a way to make 10 (or 15, or 20 …)

One of the terrific things about math card games is that many of them can be customized for various concepts and skill levels. The original goal of this game was to look at the cards you're dealt to find ones that add up to 10, but it can be changed to 15, 20, or any number you choose. You can also add to the difficulty by allowing addition and subtraction (for example, you could use 8+4=12 or 12-2=10).

* Boards are attached. They are different than the photo.

MAKE



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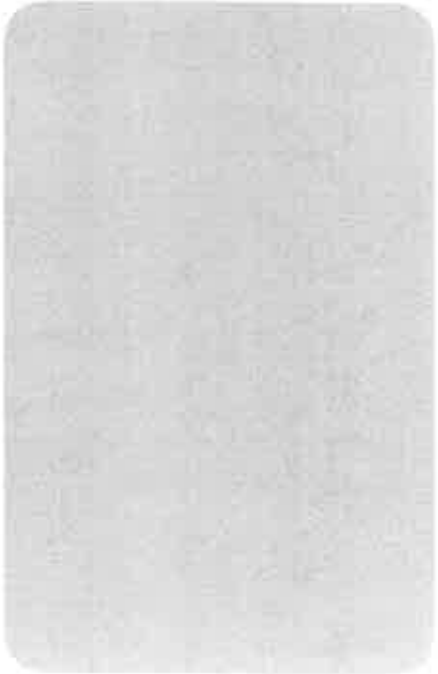

MAKE _____

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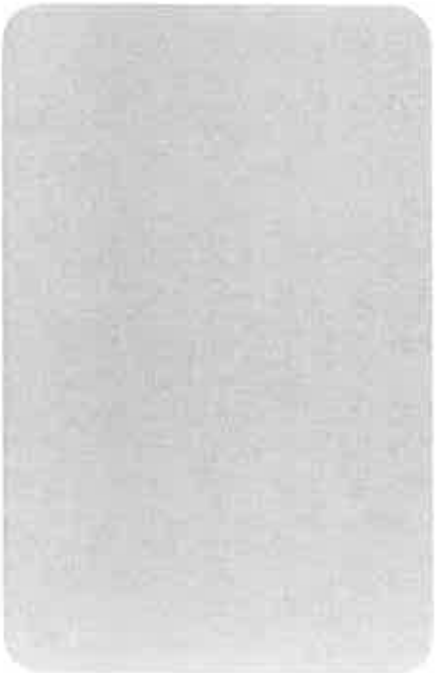


Learning About Numbers: Expanded Form

with Julia

Let's learn about numbers and how to write them in expanded form. A number can be made up of many smaller numbers. For example:

$100 + 10 + 2 = 112$ *OR* $112 = 100 + 10 + 2$

Write the number from each expanded form:

1) $100 + 20 + 5 =$ _____

2) $200 + 10 + 3 =$ _____

3) $300 + 40 + 2 =$ _____

4) $400 + 30 + 1 =$ _____

5) $500 + 50 + 4 =$ _____

6) $100 + 40 + 7 =$ _____

7) $200 + 20 + 6 =$ _____

8) $300 + 70 + 5 =$ _____

9) $400 + 50 + 2 =$ _____

10) $500 + 70 + 9 =$ _____

Write the expanded form of each number:

1) $192 =$ _____ + _____ + _____

2) $265 =$ _____ + _____ + _____

3) $347 =$ _____ + _____ + _____

4) $442 =$ _____ + _____ + _____

5) $564 =$ _____ + _____ + _____

6) $136 =$ _____ + _____ + _____

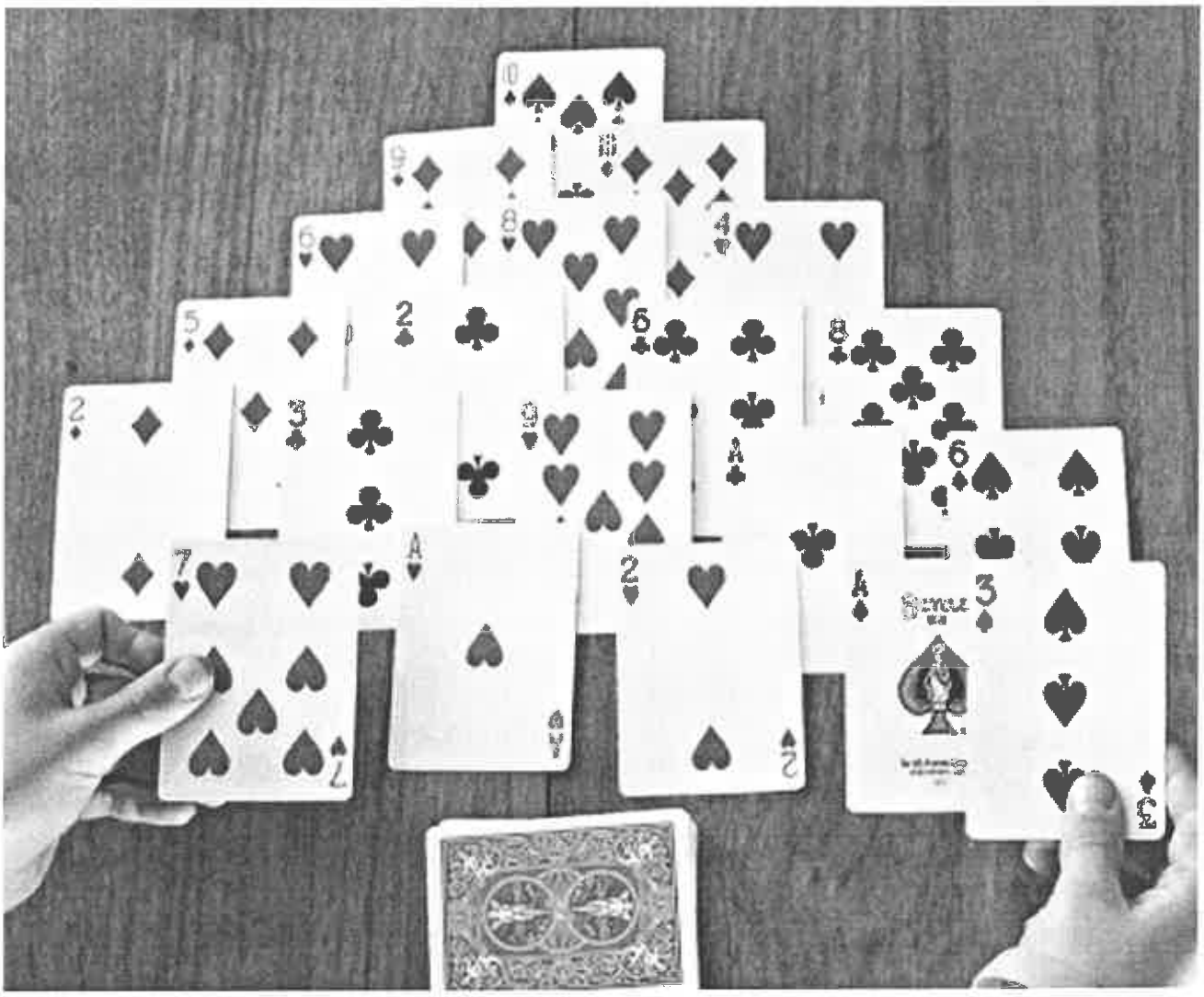
7) $249 =$ _____ + _____ + _____

8) $319 =$ _____ + _____ + _____

9) $483 =$ _____ + _____ + _____

10) $512 =$ _____ + _____ + _____

4. Play pyramid solitaire alone or in teams.

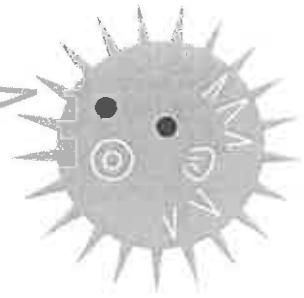


Some versions of solitaire are really just sneaky math card games, and pyramid is one of them. Try to find cards that add up to 10 as you clear your pyramid row by row. Lay out cards as pictured and use the rest of the deck to fill in after each pair is made.

Name: _____ Date: _____

Writing Out Place Value I

Fill in the missing numbers in the box.
Then write out the place values on the line provided.



352 = 300 + [50] + 2 = Three hundreds, five tens, and two ones.

784 = [ ] + 80 + [ ] = _____

1089 = [ ] + [ ] + 9 = _____

4503 = 4,000 + [ ] + [ ] = _____

9866 = [ ] + 800 + [ ] + [ ] = _____

10492 = 10,000 + [ ] + 90 + 2 = _____

59401 = [ ] + [ ] + [ ] + 1 = _____

120492 = 100,000 + [ ] + 400 + [ ] + 2

= _____

769454 = [ ] + [ ] + [ ] + 400 + [ ] + [ ]

= _____

6103446 = [ ] + [ ] + [ ] + [ ] + 40 + 6

= _____