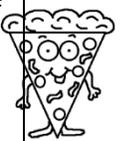




Summer Math – Intermediate

	Measure Monday	Terrific Tuesday	Wacky Wednesday	Thinking Thursday	Fraction Friday
1	Time how long it takes you to do a specific chore, like making the bed. See if you can do it faster the next day.	Go on a shape scavenger hunt. Find as many quadrilaterals in your neighborhood or house as you can do.	Play Multiplication War with your family or friends.	Use catalogs, sale papers, or store ads for a virtual back to school shopping trip. Buy school clothes for \$50.00. Buy school supplies for \$25.00 etc. Write the prices and add them up.	Read a recipe. What fractions does the recipe use? Double each amount to practice adding fractions.
2	Measure or find the capacity in milliliters of different liquids in your kitchen. Round each to the nearest 10 or 100 milliliters.	Draw and label a floor plan of your dream tree house. Put rooms, windows, doors, and a kitchen.	Play Multiplication War with your friends.	Play Rounding Race	Use graham crackers as fraction pieces. Add or subtract halves and fourths.
3	Measure the weight of different produce at the grocery store. What unit did you measure in? What are the lightest and heaviest objects you weighed?	Use cereal boxes and cardboard to build a model of your dream house. Put details such as windows and doors in by measuring and cutting the openings.	Time yourself running a 50 yard dash. Measure out the distance and use a stopwatch to see how fast you are	Create your own ABC-123 code and send messages to your friends. Example 1=a, 2=b, 3=c, 4=d 5=e, 6=f.....	Play Trash Can Basketball Discuss how if you make 3 out of 4 shots that's three fourths or 6 out of 10 is six tenths.
4	Use a stopwatch to measure how fast you can run 50 meters. Do it 3 times. What was your fastest time?	Use cardboard, paper, glue and other art supplies to create furniture for your dream house.	Play Rounding Race with your family or friends.	Make your own pocket calendar for important dates. Use an index card for each month.	Lego Fractions Discuss how Lego pieces are parts of a whole. Practice making equivalent fractions
5	Read the weight in grams of different food items in your kitchen. Round the weights to the nearest 10 or 100 grams.	Give friends and family a tour of your dream house.	Play Rounding Race with your family.	Play Prime Number or Composite Number. Print or make a hundreds chart. Circle prime number and box composites.	Fruity Fractions Pizza Fractions Discuss fractional parts when you're cutting an apple or dividing up your pizza.



<https://www.education.com/activity>

- Multiplication War-Each player turns two cards face up, reads the number sentence and supplies the answer. For example, if your child draws a 5 and a 4, he says $5 \times 4 = 20$. If you draw a 7 and an 8, then your number sentence is $7 \times 8 = 56$. Because your product is larger, you win the four cards and you put them at the bottom of your pile. If each of you has a number sentence with the same product, then it's war! Each player puts four cards face down and turns up two of them. The player with the largest product wins the eight cards. Set up the timer and play the game for 10 to 15 minutes. When the bell goes off, each player counts his cards. The player with the most cards wins.
- Rounding Race- Write dollar amounts on 40 index cards. Use various amounts with dollars and cents. 10.56, 3.32, 9.45, 8.61, 15.43, 20.07. Set a timer for 2 minutes and see how many amounts your child can round to the nearest dollar correctly. Try to round them all in shorter times.