Public Schools of Brookline

Entering Sixth Grade Math Calendar

Directions: Complete **all** 31 math boxes. Record your answers in each box.
Answer key: The solution to each problem is a number between 1-31, and each number is used once, **so check your work!**

6th

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Mr. Brook's class received 168 postcards from pen pals. If each of the 24 students received the same number of postcards, how many did each receive?	Add 34.95 + 23.90 Which number is in the tenths place?	What is the numerator of $^{6}/_{8}$ in lowest terms?	It takes Mark 3 minutes to make $1^{1}/_{2}$ inches of a bracelet. If he works at the same speed, how many minutes will it take him to make a 3-inch bracelet?	3 friends share the cost of a video game. If the game costs $74.79 including tax, what is the best estimate to the nearest dollar of the amount each friend will pay?	Howard has a blue, a white, and a black shirt. He also has a black, a red, and a white tie. How many different shirt and tie combinations can he make?	How many more even number days are there in July than in February?
Bill and Carol buy a pizza that is cut into 8 equal slices. If Bill eats $^{1}/_{8}$, and Carol eats $^{1}/_{4}$ of the pizza, how many eighths of the pizza are left?	Stacy has 79 strawberries to put in 5 baskets. If she puts the same number of strawberries in each basket, how many strawberries will be left over?	I bought 60 lollipops. I kept 3 lollipops and gave the rest to my 3 friends. They divided the lollipops equally among themselves. How many lollipops did each friend get?	Glen glued 4 white cubes in a stack. After the glue dried, he painted the cubes red. How many faces of the 4 cubes were red?	One side of an equilateral triangle is 9 cm. What is its perimeter?	The number of sides in a hexagon plus the number of sides in a heptagon plus the number of sides in a triangle totals how many sides?	(12 x 5 + 2)÷2=____ Make up 3 more number equations using at least 2 operations (+ - x ÷) to get the same answer. Solve.
One side of a regular heptagon measures 3 cm. What is its perimeter?	The perimeter of a square is 52 cm. What is the length of each side?	Sally sold 2 out of 12 tickets to the concert. To the nearest whole percent, what percent of the tickets did she sell?	3477+**B** = 3500 What value does **B** stand for?	Barry bought a roll of ribbon to make bows for his gift boxes. There were 132 inches of ribbon on the roll. How many feet of ribbon was that?	If you tripled the number of sides on a pentagon, it would be a polygon with how many sides?	Ted used a rule to make this list of numbers: 1, 2, 5, 10, 17, ____. If he continues, which number should he write next?
2978 + X = 3000 What value does X stand for?	2022 - 1998 = Y What value does Y stand for?	The largest multiple of 4 that is less than 30 is _____?	Eight hours after 6:00 am is what time?	If 4 mint chocolates cost $1.00, how many mint chocolates can you get for $5.00?	$1^{3}/_{4}$, $3^{1}/_{2}$, 7, __, 28. In the above pattern, what number belongs between 7 and 28?	(a + b) x 3 = 33 If a = 1, then b = ____
Six nickels is what percent of a $1.00?	How many edges does a cube have?	The largest prime number less than 30 is _____?	Child's Name: _____ Parent's Signature: _____			

Did you know?
A "Rudy" in the Olympic trampoline event is a somersault with $1^{1}/_{2}$ twists. How many total twists are in five "Rudy" moves?

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