

Math Mondays! March 17, 2025

St. Patrick's Day

This holiday is celebrated every year on March 17th in honor of the patron saint of Ireland. The celebration includes parades, wearing green, lucky four-leaf clovers, leprechauns, and rainbows with a pot of gold. Challenge your students with this St. Patrick's Day problems.

6th Grade:

Statistically there is 1 four-leaf clover in every 10,000 clovers. A local field has approximately 500,000 clovers. How many four-leaf clovers are projected to be in the field? Justify your answer.

7th Grade:

Sam is making a St. Patrick's Day punch for a party. The punch requires $\frac{1}{2}$ gallon of lime sherbet and 1 liter of Sprite to make 12 servings. Sam needs to make 72 servings. The cost for 2-liter of Sprite is \$4.25 and the cost for 1 gallon of lime sherbet is \$3.75. What is the total cost for Sam to make the punch? Justify your answer.

8th Grade:

The St. Patrick's Day parade route is 0.75 miles in length. The average pace of the floats and marchers is 0.5 mph. The first marchers in the parade are 45 minutes ahead of the last marchers. The parade begins at 10:15 am. At what time is the last marchers expected to complete the parade? Justify your answer.
