


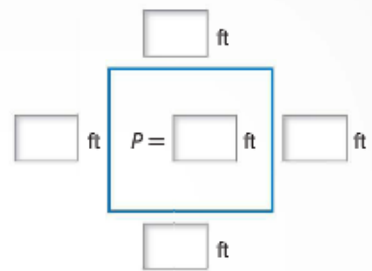
Name:

ADVANCED DMR – Q2:3

Monday	Tuesday	Wednesday	Thursday
Solve the equation: $-3(x - 5) = 45$	Solve the equation: $2(14 - x) = 16$	Solve: $2x + 3x - 11 = 44$	Evaluate the expression. $(\frac{2}{5} + 11) \times (10 - (-3))$
Write an expression to represent the perimeter of the rectangle: $\frac{2}{3}x + 10$ 	In the rectangle to the left, if the perimeter was 90 inches, what would the value of x be?	Janet drove 300 miles in 4.5 hours. Write an equation to find the rate at which she was traveling.	A teacher let her students grade their math quizzes. <ul style="list-style-type: none"> • Jon wrote 13 of 18 • Jim wrote $\overline{.7}$ • Joe reduced his to $\frac{5}{6}$ Who had the higher grade?
The walls of a square room need painting. Each of the four walls is 12 feet wide by 8.5 feet tall. One gallon of paint covers 75 ft ² . How many gallons will you need?	Simplify $\frac{3}{4} \left(-10 + \frac{2}{5} \right)$	A store is selling cookies for \$8 for 12 bags. How much will it cost if you want to buy 30 for your class?	Solve: $2x + 6 - 10x = 30$
Simplify: $\frac{6}{5} + 15.4$	A car drove at 43 miles per hour for 7 hours. How many miles are left if the entire trip is 400 miles?	Find the difference between $(x - 8)$ and $(2x + 3)$	Find the difference between $(2x + 6)$ and $(4x - 5)$
If you want to place a $9\frac{3}{4}$ inch towel bar in the center of a door that is $27\frac{1}{2}$ wide, how much space will be on each side of the towel bar?	A living room wall is 11 feet long. How far from the corner would you have to the edge of a 2ft 6in shelf for it to be centered on the wall?	Expand the following: $\frac{3}{7}(-21x - 49)$	If you had $\frac{38}{12}$ dollars, how much money would that be in dollars and cents (rounded to the nearest penny)?

Friday!

A rectangular classroom is 32 feet long and has a perimeter of 120 feet. Label the drawing with the correct values to represent the situation. Let w represent the width of the classroom.



Write an expression that represents the sum of the length and width.

Write an expression that represents twice the sum of the length and width.

Write an equation you could use to find the perimeter of the classroom.

What is the width of the classroom?

Which of the following are operations that you should use to solve the equation $p(x - q) = r$ for x ? Select all that apply.

Subtract q from both sides.

Multiply both sides by p .

Divide both sides by p .

Add q to both sides.

- MP Model with Mathematics** Write a real-world situation that can be represented by the equation $2(n + 20) = 110$.

Daily Math review Expectations

1. Complete all problems each day.
2. Do your original work using a pencil at the beginning of class.
3. Make corrections using a pen, colored pencil, or marker during our whole class discussion.
4. If you are absent, you are still responsible for completing all of the problems.
5. Turn this in each Friday for a grade out of 23 points for accuracy.

Grade: _____/23