

Name:

DMR – Q2:5

Monday	Tuesday	Wednesday	Thursday
Simplifying the following expression: $6x + 2(3x - 9y + 5) + (-9)$	Solve: $6x + 9 - 16x = -21$	Expand the following: $\frac{4}{5}(20x - 10)$	Solve: $-3(1 - 6k) = 36$
Which property is demonstrated by the following statement? $15 + w + (-12) = 15 - 12 + w$	Simplify: $(13x + 10y) - (6x - 7y) + 5x$	Solve: $-15 - 2g + 6g = 1$	Find the difference between these two expressions $(7x + 8)$ and $(-9x - 10)$
Square A has a side length $(2x - 7)$ and Square B has side length $(-4x + 18)$ . How much bigger is the perimeter of Square B than Square A?	As a salesperson, Audrey earns \$75 per week plus \$5 per sale. This week, she wants her paycheck to be at least \$125. How many sales will she need to make? Write an inequality to solve.	A business has a 200 ft wall and places 6 ft letters on the center of an exterior wall to spell SALE. If there is 1ft between each letter, where do they start the letter S?	A large office desk has an area of $42 \text{ ft}^2$ . If the width is 3.5 feet, write an equation to represent the area.
Solve: $6 - 2x > -14$	Solve: $5 - 3x > -19$	Solve: $4 + 2h \leq -3$	Solve: $12 \geq 3(z + 8)$

## FRIDAY

Which of the following are operations that you should use to solve  $-2x - 5 < 7$  for  $x$ ? Select all that apply.

- Subtract 7 from both sides.
- Divide both sides by  $-2$ .

- Add 5 to both sides.
- Reverse the inequality symbol.

The table shows the cost of renting a jet ski.

Rental Period	Cost (\$)
First hour	\$55
Each additional 15-minutes	\$10

Jeremy can spend no more than \$105 on a jet ski rental. Let  $x$  represent the number of additional 15-minute increments. Fill in each box to write an inequality to represent the situation.

$$\boxed{\quad} + \boxed{\quad} \leq \boxed{\quad}$$

What is the greatest length of time Jeremy can rent the jet ski?

$10x$	10
$55x$	55
$105x$	105
<	$\leq$
>	$\geq$

### 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 18 points for accuracy.

Grade: \_\_\_\_\_ /18

