

warm up review 11/16-11/20

name _____

day 1 (monday)

1. Add. Write your answer in simplest form.

$$2\frac{2}{3} + 3\frac{3}{4}$$

2. Mr. Parker bought weekly lunch tickets for each of his 4 children. Weekly lunch tickets cost \$6.50 each. One week, Mr. Parker paid for the lunch tickets with two twenty dollar bills. What is the correct change he should receive from his two twenty dollar bills?

3. A plumber charges \$55 to do a house call and \$35 for each hour he works. Levi paid the plumber \$265. How long did he work at Levi's house?
Write and solve an *algebraic equation* to represent the situation.

day 2 (tuesday)

1. The school sells bottled water for \$2.00 each. Cassie has \$8.00 with her. At most, how many bottles of water could Cassie buy?

Explain, using a complete sentence, how you figured this out.

2. The table below shows the length of the hiking trails at a local park. Caroline hikes half of the red trail. What distance did she hike?

Hiking Trails	
Trail	Length (miles)
Red	1.09
Blue	1.86
Green	1.10
Yellow	1.28

3. One box of clips weighs $5\frac{1}{4}$ ounces. Another box weighs $4\frac{3}{8}$ ounces. What is the total weight of the two boxes?

day 3 (wednesday)

1. Michelle has a piece of material that is $5\frac{1}{4}$ yards long. She needs 7 pieces of equal length. How long will each piece be if she uses all the material?

2. The temperatures on Mars range from -200°F to 70°F . Find the difference between the maximum and minimum temperatures.

3. Solve the following 2-step equation.

$$-6x - 7 = 41$$

Check your solution:

day 4 (thursday)

1. Solve the following 2-step equation.

$$\frac{x}{-3} + 4 = 28$$

Check your solution:

2. At closing time, the bakery had $3\frac{3}{4}$ chocolate cakes and $2\frac{1}{2}$ red velvet cakes left. How much more chocolate cake than red velvet cake was left?

3. Adam divides the numerator and denominator of $\frac{48}{64}$ by the greatest common factor to simplify the fraction in one step. By what number does he divide?