

Operations with Fractions/Decimals/Integers 8/1 HW Date _____ Period _____

- 1) It usually takes Amalie $1\frac{3}{4}$ hours to get to her aunt's house. Due to traffic, this year at Thanksgiving it took $3\frac{1}{3}$ hours. How much longer did it take this year?
- 2) Gina is making muffins. The recipe calls for $2\frac{3}{4}$ flour for blueberry, and $1\frac{1}{3}$ for chocolate muffins. How much more flour do the blueberry muffins need compared to the chocolate muffins?
- 3) Mr. Garci planted $4\frac{7}{8}$ acres of wheat and $1\frac{5}{8}$ of corn. How much more wheat did he plant than corn?
- 4) Liwanu spends $2\frac{2}{5}$ hours on his math and $1\frac{3}{5}$ on his science homework. How much time does he spend on his homework total?
- 5) Joao has $8\frac{1}{2}$ cups of clay. If he uses $5\frac{3}{5}$ for a bowl, how much clay will he have left?
- 6) Daniel spends $\frac{3}{7}$ of his money on rent and $\frac{4}{9}$ of his money on food. Does he spend more money on food or rent?
- 7) Tonya is looking in closet. If $\frac{1}{3}$ of her shoes are black and $\frac{2}{5}$ are brown, does she have more black shoes or more brown shoes?
- 8) Darnell pays for 500g of data use a month. The table indicates his internet usage over the past 4 months. Arrange the data by month from least data to most data used.
- | Month | Data Used |
|------------|-----------|
| June: | -20 |
| July: | 65 |
| August: | -50 |
| September: | 20 |
- 9) Melanie, Bryan, and Chen are all waiting at the bus stop. Melanie's bus leaves 10 minutes after 7am. Bryan's bus leaves 15 minutes before 7am. Chen's bus leaves at 5 minutes after 7. Arrange the 3 according to who will get picked up by their bus first.