

Station 1

a) $\frac{2}{5} \div 7 =$

b) $4\frac{2}{3} \div 6 =$

c) $7 \div \frac{3}{5} =$

d) $12\frac{1}{2} \div 3\frac{1}{3} =$

e) 6 people are sharing seven eighths of a chocolate bar. What fraction of the chocolate bar will each person get?

f) Dana has $12\frac{7}{8}$ cups of sugar. Each cake she bakes requires $\frac{3}{4}$ of a cup of sugar. If she had $\frac{7}{8}$ cup of sugar left, how many cakes did she bake?

g) The distance from JHS 194 and Mr. Cho's house is $8\frac{1}{4}$ miles. If he walks at a rate of $2\frac{1}{3}$ miles per hour, how long will it take him to walk to school?

Station 2

a) Why is it necessary to line up the decimals when adding or subtracting decimals?

b) Sam earned \$178 last week. Mark earned \$98.34. What was the difference in their earnings?

c) $34.5 + 9 + 123.567 =$

d) $5\frac{4}{7} - \frac{4}{7} =$

e) $74.3 - 34.987 =$

Station 3

a) How are the decimals numbers in the factors and the product related?

b) Tina earns \$9.49 an hour. She worked 14.5 hours last week. How much did she earn? Round your answer to the nearest penny.

c) The following week Tina's boss gave her a \$2.35 raise. If Tina works 23.5 hours, how much will she earn that week? Round your answer to the nearest penny.

d) $345.4 \times 943.3 =$

e) Tony's car gets 29.3 miles per gallon, and his gas tank can hold 16.4 gallons of gas. How many miles can Tony travel if he uses all the gas?

Station 4

a) Explain how to change a decimal divisor into a whole number divisor.

b) $431.2 \div 3.5 =$

c) $125.01 \div 5.4 =$

d) Lisa purchased almonds for \$3.50 per pound. She spent a total of \$24.50. How many pounds of almonds did she purchase?

d) For every apple picked Bill earns \$0.09. Yesterday, Bill earned \$45. How many apples did he pick?

e) $97.812 \div 1.1 =$