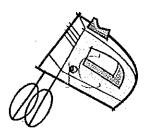
MCAS Mixer #1

Lab Day



 A carpenter estimated that a project he was working on would take 45 hours to complete.
 If he worked between 7 ¾ and 8 hours a day, Monday through Friday, could he finish the project by the end of the week? Show your work. 2) What is the missing number in the pattern shown above?

$$4\frac{1}{8}$$
, $5\frac{1}{2}$, $6\frac{7}{8}$, _____, $9\frac{5}{8}$

3) Which of the following statements describes how many tables are needed given the number of persons attending a banquet?

* Tables # of people						
1	5					
2	10					
3	15					
4	20					

a) 5 times the # of persons attending

b) 1/5 the # of

- persons attending
 c) the # of persons
 attending, minus 5
 d) 2 less than 1/5 the #
- d) 2 less than 1/5 the # of persons attending

- 4) Which of the following numbers is both a rational number AND an integer?
 - a) 7.1964
 - b) 26/100
 - c) 119.00004
 - d) 344
- 5) According to the table below, what is the median rate that these 8 students charge for tutoring?

Student	Alex	Audrey	Carrie	Jessica	Julia	Megan	Todd	Troy
Rate	\$10.00	\$12.50	\$11.00	\$10.00	\$15.00	\$11.00	\$10.50	\$12.00

- a) \$11.00
- b) \$12.00
- c) \$11.50
- d) \$10.00