

Math 70 Quiz #2 Answers

These are not complete solutions. If you have questions about steps for solving that are not shown, please feel free to ask.

1. (a) $\frac{9}{4} \times \frac{2}{15} = \boxed{\frac{3}{10}}$

(b) $\frac{2}{7} \times 2\frac{1}{4} = \frac{2}{7} \times \frac{9}{4} = \boxed{\frac{9}{14}}$

(c) $\frac{5}{8} \div 4 = \frac{5}{8} \times \frac{1}{4} = \boxed{\frac{5}{32}}$

(d) $3.24 \div 4 = \boxed{0.81}$ (Use long division)

(e) $4.82 \times 10,000 = \boxed{48200}$

2. $\frac{4}{15} = \boxed{0.2\overline{6}}$ (Note: Use long division. There should be a bar indicating that the 6 repeats indefinitely.)

3. Total Cost = $13.5 \times 2.30 = \boxed{\$31.05}$

4. Tip = 15% of \$45 = $0.15 \times 45 = \boxed{\$6.75}$