

Name: Answer Key

Date: _____

AzMerit Practice Homework #22

1. The table below shows the cost of food at a diner.

Drinks		Meals	
Small milkshake	\$1.80	Plain hamburger	\$3.50
Large milkshake	\$2.00	Chicken burger	\$4.20
Small soda	\$1.10	Hotdog	\$2.60
Large soda	\$1.50	Meatball sub	\$3.10
Fruit juice	\$1.90	Quiche	\$2.10

Lisa bought two different items and spent exactly \$4.00. Circle the **two** items below that Lisa bought.

Small milkshake Plain hamburger

Large milkshake Chicken burger

Small soda Hotdog

Large soda Meatball sub

Fruit juice

Quiche

$$\begin{array}{r}
 1.90 \\
 + 2.10 \\
 \hline
 \$4.00
 \end{array}$$

2. A box of beads contains 240 beads. Chang buys 4 boxes of beads. How many beads did Chang buy? Write your answer below.

$\boxed{240}$ $\boxed{240}$ $\boxed{240}$ $\boxed{240}$ 960 beads

$4 \times 240 = \underline{\hspace{2cm}}$

$$\begin{array}{r}
 800 \\
 + 160 \\
 \hline
 960
 \end{array}$$

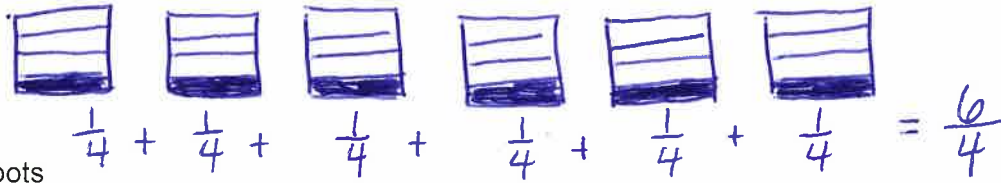
$$\begin{array}{r}
 \times \begin{array}{cc} 200 & 40 \end{array} \\
 4 \begin{array}{|c|c|} \hline 800 & 160 \\ \hline \end{array}
 \end{array}$$

Possible strategies:

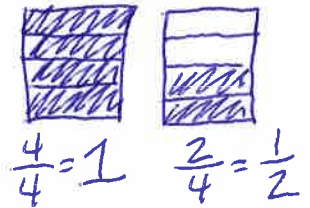
$$\begin{array}{r}
 240 \\
 \times 4 \\
 \hline
 4 \times 0 = 0 \\
 4 \times 40 = 160
 \end{array}$$

$4 \times 200 = 800$

3. Liam has 6 pots he grows herbs in. He planted mint in $\frac{1}{4}$ of each pot. What fraction of a pot is the mint in total?



- A. $1 \frac{1}{2}$ pots
- B. $1 \frac{1}{4}$ pots
- C. $1 \frac{1}{6}$ pots
- D. $1 \frac{1}{8}$ pots



4. A pet shop sells fish for \$3 each. The pet shop sold \$96 worth of fish one day. How many fish did the pet shop sell that day?

- A. 32
- B. 36
- C. 48
- D. 288

$$\begin{array}{r} 32 \\ 3 \overline{) 96} \\ \underline{-96} \\ 06 \\ \underline{-6} \\ 0 \end{array}$$

5. Which number is a factor of 57?

- A. 11
- B. 13
- C. 17
- D. 19

11, 22, 33, 44, 55, 66

13, 26, 39, 52, 65

17, 34, 51, 68
 $\underbrace{\quad} + 17$ $\underbrace{\quad} + 17$ $\underbrace{\quad} + 17$

19, 38, 57
 $\underbrace{\quad} + 19$ $\underbrace{\quad} + 19$