

MILI - Place Value

Sept. 11, 2020

Application Problem

Farmer Jim has 240 hens.

On Monday, Farmer Jim collected 2,160 eggs

hens

1	2	1
12	12	12

1 2 . . . 20

$$20 \times 12 =$$

	10	+	2	
20	200		40	

$$\begin{array}{r} 200 \\ + 40 \\ \hline 240 \end{array}$$

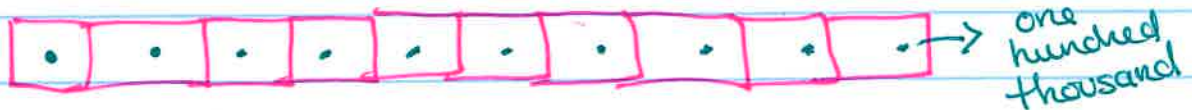
eggs

1	1	1
9	9	9

1 2 240

$$240 \times 9 =$$
$$\begin{array}{r} 40 \\ 40 \\ \times 9 \\ \hline 2160 \end{array}$$

1 million = 10 hundred thousands



10 hundred thousands $\div 10 = 1$ hundred thousand

1 million $\div 10 = 1$ hundred thousand

1 hundred thousand $\div 10 = 1$ ten thousand

1 ten thousand $\div 10 = 1$ thousand

$$0.4 \times 10 = 4.0$$

$$0.04 \times 10 = 0.4$$

$$0.004 \times 10 = 0.04$$

$$6 \div 10 = 0.6$$

$$6 \div 100 = 0.06$$

$$6 \div 1000 = 0.006$$

$$\frac{6}{10}$$

$$\frac{6}{100}$$

$$\frac{6}{1000}$$

$$4$$

$$0.4$$

$$0.4$$

$$0.4$$

$$0.4$$

$$0.4$$

$$0.4$$

$$0.4$$





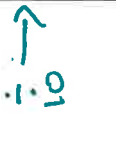
$$0.4$$

$$0.4$$

$$+ 0.4$$

$$4.0$$

Place Value Chart

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones	.	tenths	hundredths	thousandths
 1 $\div 10$	 0	0	0	0	0	0				
$\div 10$	1 $\div 10$	0	0	0	0	0				
	 1 $\div 10$	0	0	0	0	0				
			 1 $\div 10$	0	0	0				
				 1 $\div 10$	0	0				
					0	0				
					0	0				
					0	0				

Place Value Chart

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones	.	tenths	hundredths	thousandths
						6 ÷ 100				
						0	.	0	6	
						6 ÷ 1000				
						0	.	0	0	6

Place Value Chart

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones	.	tenths	hundredths	thousandths
						2	.	4	3	
			2	4	3	0	.			
				7	4	5	.			
				7	7	4	.	5		

Handwritten annotations on the chart include a large blue bracket spanning from the thousands column to the tens column, with an arrow pointing to the thousands column. A blue arrow points from the hundreds column to the tenths column. Another blue arrow points from the tenths column to the hundredths column. The text "x 1000" is written in blue in the thousandths column.