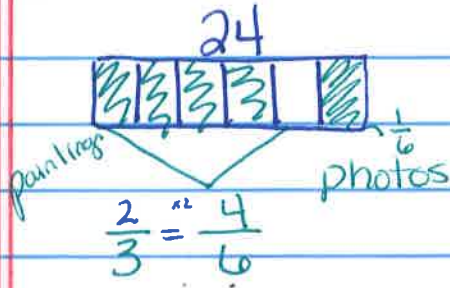


M4.L8 - multiplying Fraction by Whole Number.

AP.

There are 12 more paintings than photos.



$$\frac{2}{3} - \frac{1}{6} =$$

$$\frac{4}{6} - \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$$

$$\frac{1}{2} \text{ of } 24 = \frac{24}{2} = 12$$

| | | | |
|----------------|---------------|----------------|-----------------|
| 1 ft = 12 in | 1 pt = 2 c | 1 yrd = 3 ft. | 1 gal = 4 qt |
| 2 ft = 24 in | 2 pt = 4 c | 2 yrd = 6 ft | 2 gal = 8 qt |
| 3 ft = 36 in | 3 pt = 6 c | 3 yrd = 9 ft | 3 gal = 12 qt |
| 4 ft = 48 in | 4 pt = 8 c | 4 yrd = 12 ft | 4 gal = 16 qt |
| 10 ft = 120 in | 15 pts = 30 c | 12 yrd = 36 ft | 20 gal = 80 qt. |

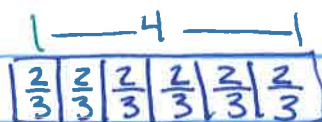
$$12 \times \frac{1}{3} = 4 \quad 28 \times \frac{1}{7} = 4 \quad 24 \times \frac{1}{4} = 6$$

$$\frac{3}{4} \times 24 = 18 \quad \frac{1}{8} \times 56 = 7 \quad \frac{3}{8} \times 56 = 21$$

M4-L8 Mult. Fractions and Whole Numbers

$$\frac{2}{3} \times 6 = 4$$

$$6 \times \frac{2}{3} = 4$$



$$\frac{6}{3} = 2$$

$$2 \times 2 = 4$$

$$\frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3}$$

$$= \frac{12}{3}$$

$$= 4$$

$$\frac{2}{3} \times 6$$

$$\frac{2 \times 6}{3} = \frac{12}{3} = 4$$

$$\frac{2 \times \cancel{6}^2}{\cancel{3}_1} = \frac{4}{1} = 4$$

$$\frac{3}{5} \times 10$$

$$\frac{3 \times 10}{5} = \frac{30}{5} = 6$$

$$\frac{3 \times \cancel{10}^2}{\cancel{5}_1} = \frac{6}{1} = 6$$

$$\frac{7}{6} \times 24$$

$$\frac{7 \times 24}{6} = \frac{168}{6} = 28 \quad \left| \quad \frac{7 \times 244}{\cancel{6}1} = \frac{28}{1} = 28$$

$$\begin{array}{r} 28 \\ 6 \overline{)168} \\ \underline{-12} \\ 48 \\ \underline{-48} \\ 0 \end{array}$$

$$\frac{7}{6} \times 27$$

$$\frac{7 \times 27}{6} = \frac{189}{6} = 31\frac{1}{2} \quad \left| \quad \frac{7 \times 27^9}{\cancel{6}2} = \frac{63}{2} = 31\frac{1}{2}$$

$$\begin{array}{r} 4 \\ 27 \\ \times \cancel{7} \\ \hline 189 \end{array} \quad \begin{array}{r} 31\frac{3}{6} \\ 6 \overline{)189} \\ \underline{18} \\ 09 \\ \underline{6} \\ 3 \end{array} \quad \begin{array}{r} 31 \\ 2 \overline{)63} \\ \underline{6} \\ 03 \\ \underline{\cancel{2}} \\ \cancel{0}1 \end{array}$$