

Can you find my mistakes?

Student	Height (ft)
Karen	$5\frac{1}{6}$
Arturo	6
Felisa	$4\frac{11}{12}$
Max	$5\frac{3}{4}$
Silvia	$5\frac{1}{4}$

1. How much taller is Max than Felisa?

$$\begin{aligned} & \cancel{5\frac{3}{4}} = \cancel{5}\frac{9}{12} = 4\frac{12}{12} \\ & - 4\frac{11}{12} \\ \hline & 4\frac{1}{12} \end{aligned}$$

2. How much shorter is Karen than Arturo?

$$\begin{aligned} & 6 \\ & - 5\frac{1}{6} \\ \hline & 1\frac{1}{6} \end{aligned}$$

3. A bicycle is on sale for $\frac{2}{3}$ of the original price. If the original price is \$354, what is the sale price?

$$\begin{aligned} & \cancel{354} = \frac{1062}{3} \\ & - \frac{2}{3} \\ \hline & \frac{1060}{3} = \text{\$}353\frac{1}{3} \end{aligned}$$

4. Roger has a 28-pound block of ice for his snow cone stand. If each snow cone requires $\frac{2}{3}$ pound of ice, how many snow cones can Roger make?

$$\frac{28}{1} \times \frac{2}{3} = \frac{56}{3} = 18\frac{2}{3}$$

5. A batch of brownies calls for $1\frac{1}{2}$ cups of sugar. How many batches can Ty make with $7\frac{1}{2}$ cups of sugar?

$$\begin{aligned} & 7\frac{1}{2} \div 1\frac{1}{2} \\ & \frac{15}{2} \times \frac{2}{3} = \frac{45}{4} = 11\frac{1}{4} \end{aligned}$$

6. Jackson is $5\frac{1}{4}$ ft tall. If he stood on a box that was $1\frac{5}{6}$ feet high, how far would the top of his head be from the floor?

$$\begin{aligned} & 5\frac{1}{4} \\ & + 1\frac{5}{6} \\ \hline & 6\frac{6}{10} = 6\frac{3}{5} \end{aligned}$$

7. Molly has read $\frac{7}{8}$ of a book for Mrs. Easton's class. Jennifer has read half as much as Molly. What fraction of the book has Jennifer read?

$$\frac{7}{8} \times \frac{1}{2} = \boxed{\frac{7}{8}}$$

9. Julia has $3\frac{1}{2}$ pounds of dog food. She plans to split it evenly among her 7 dogs. How much food will each dog receive?

$$3\frac{1}{2} \div \frac{7}{1} = \frac{7}{2} \times \frac{7}{1} = \frac{49}{2} = \boxed{24\frac{1}{2}}$$

8. Anna wants to make 4 sets of curtains. Each set requires $5\frac{1}{8}$ yards of fabric. How much fabric will she need in all?

$$5\frac{1}{8} \times 4 = 4\frac{4}{8} \times \frac{4}{1} = \frac{41}{4} = \boxed{10\frac{1}{4}}$$

10. Carl bought some stock at \$25 per share. The stock increased to $1\frac{1}{2}$ times its value. How much is the stock per share?

$$\frac{25}{1} \times 1\frac{1}{2} = 25 \times 1\frac{1}{2} = \boxed{25\frac{1}{2}}$$

	What's done wrong?	Correct Answer
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		