

LEVEL SIX:

1. Gerald bought $\frac{5}{6}$ pound of candy at one store and $\frac{3}{4}$ pound of candy at another store. How much total candy did Gerald buy?

2. Bethany ordered 12 pizzas for a party. If each person eats $\frac{3}{8}$ of a pizza, how many people can George feed with 12 pizzas?

3. The recipe says takes $2\frac{1}{2}$ cups of flour to bake a batch of cookies. Sherry wants to bake $3\frac{3}{4}$ batches of cookies. How many cups of flour will Sherry need?

4. The milk carton had $\frac{8}{9}$ gallons in it before Stu took a drink. If he drank $\frac{1}{12}$ of a gallon, how much milk is left?

5. What is $\frac{4}{5}$ of $6\frac{3}{7}$?

6. How many $\frac{3}{4}$ are in 6?

LEVEL SIX:

1. Gerald bought $\frac{5}{6}$ pound of candy at one store and $\frac{3}{4}$ pound of candy at another store. How much total candy did Gerald buy?

Add

$$\frac{5}{6} + \frac{3}{4}$$

$$\downarrow \quad \downarrow$$

$$\frac{10}{12} + \frac{9}{12} = \frac{19}{12} = 1\frac{7}{12} \text{ lb of candy}$$

2. Bethany ordered 12 pizzas for a party. If each person eats $\frac{3}{8}$ of a pizza, how many people can George feed with 12 pizzas?

Cutting Pizza \rightarrow
Divide

$$12 \div \frac{3}{8}$$

$$\frac{4 \cancel{12}}{1} \cdot \frac{8}{\cancel{3}_1} = 32 \text{ people}$$

3. The recipe says takes $2\frac{1}{2}$ cups of flour to bake a batch of cookies. Sherry wants to bake $3\frac{3}{4}$ batches of cookies. How many cups of flour will Sherry need?

Multiply

$$2\frac{1}{2} \cdot 3\frac{3}{4}$$

$$\frac{5}{2} \cdot \frac{15}{4} = \frac{75}{8} = 9\frac{3}{8} \text{ cups of flour}$$

4. The milk carton had $\frac{8}{9}$ gallons in it before Stu took a drink. If he drank $\frac{1}{12}$ of a gallon, how much milk is left?

Subtract

$$\frac{8}{9} - \frac{1}{12}$$

$$\downarrow$$

$$\frac{32}{36} - \frac{3}{36} = \frac{29}{36} \text{ gallon left}$$

5. What is $\frac{4}{5}$ of $6\frac{3}{7}$?

$$6\frac{3}{7} \cdot \frac{4}{5}$$

$$9 \frac{\cancel{45}}{7} \cdot \frac{4}{\cancel{5}_1} = \frac{36}{7} = 5\frac{1}{7}$$

6. How many $\frac{3}{4}$ are in 6?

$$6 \div \frac{3}{4}$$

$$\frac{2 \cancel{6}}{1} \cdot \frac{4}{\cancel{3}_1} = \frac{8}{1} = 8$$