



Name \_\_\_\_\_

Date \_\_\_\_\_

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**Subtracting Fractions**  
*Word Problems*  
**(4.NF.3.d)**

**Directions:** Solve the following word problem using numbers, pictures (model drawings), and words. 😊

Jared has  $\frac{9}{12}$  of a cake left after his birthday. Grandpa stops by and eats  $\frac{2}{12}$ . Then Aunt Joan stops by and eats  $\frac{3}{12}$ . Cousin Frank pops in and eats  $\frac{1}{12}$ . How much cake does Jared have left for himself?

Answer: \_\_\_\_\_

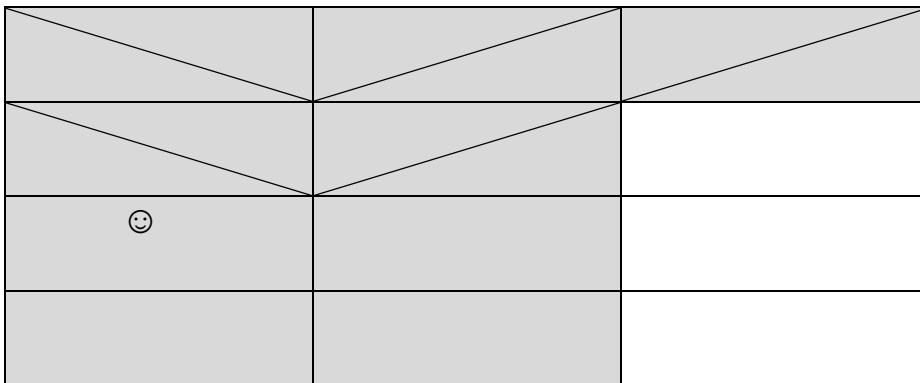
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


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Answer:

Jared starts off with  $\frac{9}{12}$  of a cake. Grandpa eats  $\frac{2}{12}$ .  $\frac{9}{12} - \frac{2}{12} = \frac{7}{12}$  Then Aunt Joan eats  $\frac{3}{12}$ . Take what is left,  $\frac{7}{12}$  and subtract  $\frac{3}{12}$  from that.  $\frac{7}{12} - \frac{3}{12} = \frac{4}{12}$  Now cousin Frank comes and eats  $\frac{1}{12}$ . You need to subtract  $\frac{1}{12}$  from  $\frac{4}{12}$ .  $\frac{4}{12} - \frac{1}{12} = \frac{3}{12}$  Jared has  $\frac{3}{12}$  of a cake left for himself.

Jared's cake



-  = Jared had left after his party
-  = Grandpa ate
-  = Aunt Joan ate
-  =Cousin Frank ate