The Hawg family loves pizza! Unfortunately, they like different toppings, so they must order 4 separate pizzas. Papa Hawg loves supreme pizza, Mama Hawg loves vegetarian pizza, Little Hawg loves pepperoni pizza, while Baby Hawg loves plain cheese pizza. They cut their pizza up and save what’s left for future meals.

Baby Hawg cuts her pizza into twelfths and eats two slices each day.

Little Hawg cuts his pizza into tenths and eats three slices each day.

Mama Hawg cuts her pizza into eighths and eats three slices each day.

Papa Hawg cuts his pizza into sixths and eats two slices each day.

How long will it take before each family member runs out of pizza?

Papa Hawg Mama Hawg Little Hawg Baby Hawg

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Mama Hawg makes a deal with Little Hawg. She tells him that she will trade 2 slices of her pizza for 3 slices of his pizza. Is this a fair trade? How can you prove that?

Papa Hawg suggests that the family purchase pizza every 3 days, except for cheese pizza, which would be purchased every 6 days. Would each family member get what they want? How can you prove that?

If not, how could they make this plan work? What would you recommend?

La familia Hawg ama la pizza! Por desgracia, les gusta diferentes coberturas, así que deben pedir 4 pizzas separadas. Papa Hawg ama la pizza suprema, Mama Hawg ama la pizza vegetariana, Little Hawg ama la pizza de pepperoni, mientras que Baby Hawg ama la pizza de queso. Cortar su pizza y guardar lo que queda para las comidas futuras.

El bebé Hawg corta su pizza en duodécima y come dos rebanadas cada día.

Little Hawg corta su pizza en décimas y come tres rebanadas cada día.

Mamá Hawg corta su pizza en octavos y come tres rebanadas cada día.

Papá Hawg corta su pizza en sextos y come dos rebanadas cada día.

¿Cuánto tiempo tomará antes de que cada miembro de la familia se quede sin pizza?

Papá Hawg Mamá Hawg Little Hawg El bebé Hawg

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Mamá Hawg hace un trato con Little Hawg. Ella le dice que ella comercio 2 rebanadas de su pizza por 3 rebanadas del pizza de Little Hawg. ¿Es esto un comercio justo? ¿Cómo puedes probar eso?

Papa Hawg sugiere que la familia compre la pizza cada 3 días, a excepción de la pizza de queso, que se compraría cada 6 días. ¿Cada miembro de la familia obtendrá lo que quiere? ¿Cómo puedes probar eso?

Si no, ¿cómo podrían hacer que este plan funcione? ¿Qué recomendarías?

The Hawg family loves pizza! Unfortunately, they like different toppings, so they must order 4 separate pizzas. Papa Hawg loves supreme pizza, Mama Hawg loves vegetarian pizza, Little Hawg loves pepperoni pizza, while Baby Hawg loves plain cheese pizza. They cut their pizza up and save what’s left for future meals.

Papa Hawg cuts his pizza into sixths and eats two slices each day.

Mama Hawg cuts her pizza into eighths and eats three slices each day.

Little Hawg cuts his pizza into tenths and eats three slices each day.

Baby Hawg cuts her pizza into twelfths and eats two slices each day.

1/6 or 2/12

3/10

3/8

1/3 or 2/6

How long will it take before each family member runs out of pizza?

Papa Hawg Mama Hawg Little Hawg Baby Hawg

\_\_\_\_3 days\_\_\_\_\_\_\_ \_\_2 2/3 days\_\_\_\_ \_\_\_\_3 1/3 days\_\_\_\_ \_\_\_6 days\_\_\_\_\_\_\_

Mama Hawg makes a deal with Little Hawg. She tells him that she will trade 2 slices of her pizza for 3 slices of his pizza. Is this a fair trade?

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Mama gets the better deal

3/10 = 12/40

2/8 = 10/40

Papa Hawg suggests that the family purchase pizza every 3 days, except for cheese pizza, which would be purchased every 6 days. Would each family member get what they want? If not, how could they make this plan work?

It won’t work unless Mama eats only two slices on the third day. Maybe Little Hawg could share with Mama on the third day.