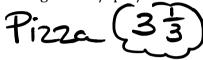
Draw a diagram.

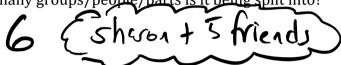
Division of Fractions Word Problems

Example: Sharon has $3\frac{1}{3}$ pizzas left over and wants to share it with her 5 friends. What fraction will each person get?

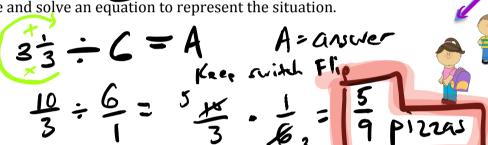
What is being shared/split/divided?



How many groups/people/parts is it being split into?



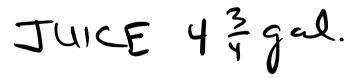
Write and solve an equation to represent the situation.



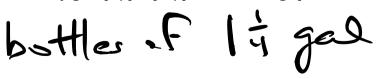
Try These:

1) Barry has $4\frac{3}{4}$ gallons of juice. He wants to fill bottles that hold $1\frac{1}{4}$ gallons of juice. How many bottles can he fill?

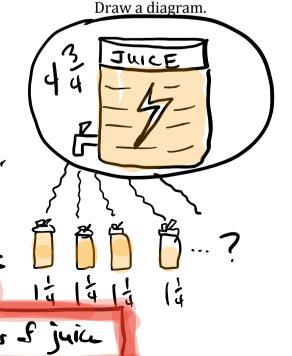
What is being shared/split/divided?

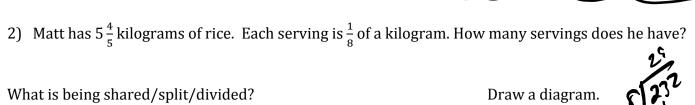


How many groups/people/parts is it being split into?



Write and solve an equation to represent the situation.





Write and solve an equation to represent the situation.

$$5\frac{4}{5} \div \frac{1}{8} = \frac{29}{5} \div \frac{1}{8} \div \frac{29}{5} \cdot \frac{8}{1}$$

3) Patty has $7\frac{1}{2}$ yards of ribbon. Each dancer needs $\frac{3}{4}$ of a yard of ribbon for her hair. How many dancers



What is being shared/split/divided?

How many groups/people/parts is it being split into?

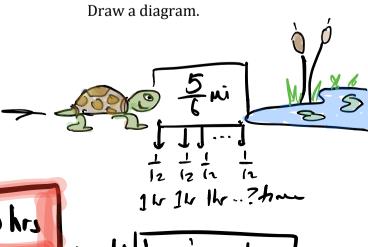
Write and solve an equation to represent the situation.

Locain or Com 4) A turtle can walk $\frac{1}{12}$ of a mile in an hour. If he is $\frac{5}{6}$ of a mile away, how long will it take him to get to the pond?

How many groups/people/parts is it being split into?

Write and solve an equation to represent the situation.

$$\frac{5}{6} \div \frac{1}{12} \div \frac{5}{12} \div \frac{12}{12} \div \frac{1}{12} \div \frac{1}{12}$$



5) A swimming pool is open for $7\frac{1}{2}$ hours a day. The pool keeps one lifeguard on duty at a time, and each lifeguard's shift is $1\frac{1}{2}$ hours long.

What is being shared/split/divided?

How many groups/people/parts is it being split into?

Write and solve an equation to represent the situation. **S**

6) Vera is using her phone. Its battery life is down to $\frac{1}{2}$. It drains another $\frac{1}{8}$ every hour. How many hours will her battery last?

What is being shared/split/divided?

How many groups/people/parts is it being split into?

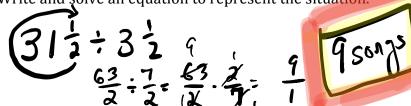
Write and solve an equation to represent the situation.

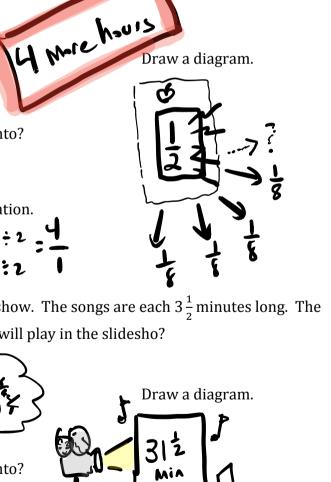
7) Marcus is picking songs to play during a slideshow. The songs are each $3\frac{1}{2}$ minutes long. The slideshow is $31\frac{1}{2}$ minutes long. How many songs will play in the slidesho?

What is being shared/split/divided?

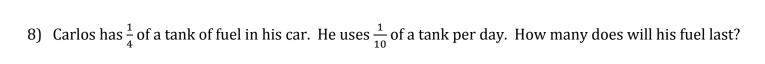
How many groups/people/parts is it being split into?

Write and solve an equation to represent the situation.

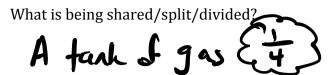




Draw a diagram.



Draw a diagram.

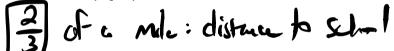


How many groups/people/parts is it being split into?

Write and solve an equation to represent the situation.

9) Erica can run $\frac{1}{6}$ of a mile in a minute. Her school is $\frac{2}{3}$ of a mile away from her home. At this speed, how long will it take her to get home?

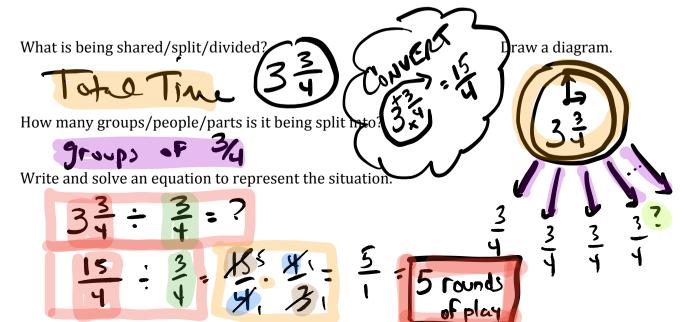
What is being shared/split/divided?



How many groups/people/parts is it being split into?

Write and solve an equation to represent the situation.

10) Nicole is playing a video game where each round lasts $\frac{3}{4}$ of an hour. She has scheduled $3\frac{3}{4}$ of an hour to play. How many rounds can she play?



Keep Switch Flip