

Activity 1

Dehydrated Dancers

1. There are 3 dancers. They share 2 liters of water equally. How much water does each dancer get? Write a division equation to represent the situation.
2. Mai says each dancer gets $\frac{3}{2}$ liters of water because 3 divided into 2 equal groups is $\frac{3}{2}$. Do you agree with Mai? Explain or show your reasoning.



Activity 2

Interpret Expressions

1. Complete the table. Draw a diagram if it is helpful.

| number of dancers | liters of water shared equally | division expression | amount of water each dancer gets in liters |
|----------------------|-----------------------------------|------------------------|--|
| 4 | 2 | | |
| | | $3 \div 4$ | |
| | | $3 \div 5$ | |
| 4 | | | |
| | 5 | | |

2. What patterns do you notice in the table?