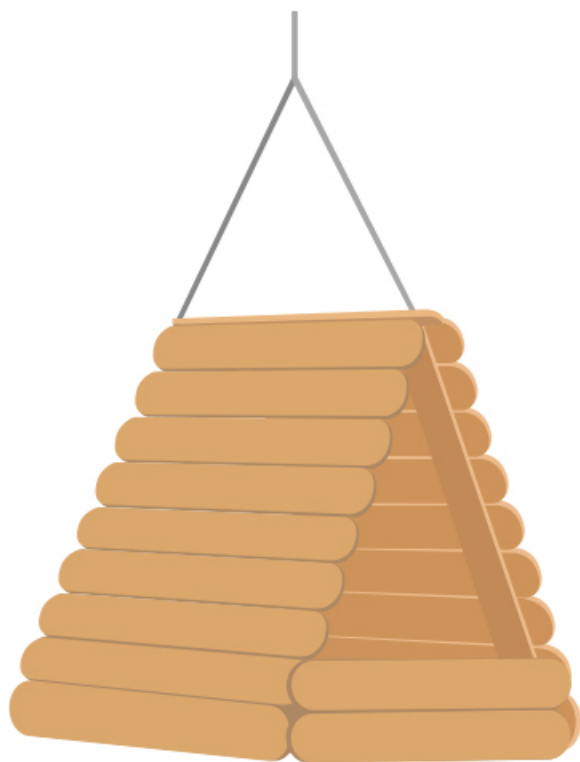




Making a Bird Feeder

Equal groups are often used in construction.

You will build a craft stick bird feeder, like the one shown. Bird feeders like this use equal groups of craft sticks to create the sides of the bird feeder. Search the Internet for ideas about making a craft stick bird feeder. Discuss the ideas with your group. Then, create a supply list and build the bird feeder together.



Make up an equal group word problem about the bird feeder.

Be sure to include a symbol for the unknown quantity. Switch problems with another group and solve.

1. What are some other math questions you can ask about your bird feeder?
2. How can you use equal groups to help answer these questions?
3. How could you make your bird feeder so it will hold more birdseed?



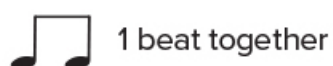
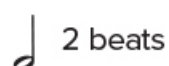
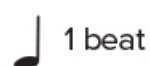
How Many Beats in a Song?


This is sheet music for the *Alphabet Song*.

Sheet music shows a song's musical notes. Each note (♩) tells you how long each sound lasts. Clap your hands and sing the song while you look at the music. Every clap is one beat.

A, B, C, and D are each sung to 1 beat.

There are three different notes on this sheet music. Each has a different number of beats.



The top 4 of the symbol $\frac{4}{4}$ at the beginning shows that there are 4 beats in each measure. Vertical bars  separate the measures. In the *Alphabet Song*, A, B, C, D is one measure. E, F, G is the next measure, and so on.

1. Circle each measure in this song and count the number of beats in each. How many beats are there altogether from the beginning to the end of the song?
2. Write an equation to represent what you learned about the equal groups of beats in the *Alphabet Song*.
3. Visit the music room at your school or do an Internet search.
4. Find sheet music for a few simple songs in $\frac{4}{4}$ time. Then, repeat the activity, counting and representing the equal groups of beats.

Alphabet Song





It's a Secret



A password is a string of letters, symbols, and numbers that you use to log in to a digital device. It is important to create a strong password, and then protect it. When you do this, your privacy is protected.

Research how to create and protect a password. With a partner, write a list of steps you can use to create a strong password. Then, write a list of safety tips to remember so you can protect your password. You can use pictures and drawings to illustrate your lists. Share your list with the class and display them in the classroom.

- What makes a password strong?
- When you create a new password, how will you remember it?
- What could happen if your password is stolen?



Safety Tips:

- Never use any information about yourself in a password.
- Only your parents should know your password.