

Cozy Cuts

Let's make scarves! Imagine you have a piece of fabric that is 10 yards long. The fabric's width does not change. An adult's scarf is $1\frac{3}{4}$ yards long. A child's scarf is $\frac{7}{8}$ yard long. A doll's scarf is $\frac{1}{2}$ yard long. What scarves will you make?

Step 1: Sketch the fabric on grid paper. What length will the side of each grid square represent?

Step 2: Decide which scarves you will make and draw where you will make cuts.

Materials



Step 3: Determine how many of each scarf you made. Erase and re-draw if you find a more efficient way to use the fabric.

Step 4: Cut the scarves out from the paper. Decorate them each with a different design.



If you run into challenges modeling the scarves and the fabric, try the **Learning Mindset** activity on the back.

Learning Mindset

Challenge-Seeking Defines Own Challenges

We face challenges every day. Overcoming challenges brings satisfaction and is important in your growth. One way to take control and become a better learner is to define your own challenges. Answer these questions on a separate sheet of paper:

- In what ways did this project challenge you? In what ways was this project easy?
- How might having a challenge stimulate your thinking?
- How could this project have been a greater challenge for you?
- How could you make this project a greater challenge for a classmate?

Reflection Questions

- 1 How did you decide on which types of scarves to create?
- 2 At the end of the activity, how much fabric was left over? How could you use more of the fabric?
- 3 **Stretch Your Thinking**
How did making a plan before cutting help you to make the scarves? Why is it important to make a plan before facing a challenge?

CONGRATULATIONS!
You are now
a fashion designer.