

# The Ribbon Shop

3rd Grade Math Project · Shopping & Crafts

**Grade 3 · Standard**

Name: _____ Date: _____ Class: _____

## The Challenge

Welcome to the Ribbon Shop! Every roll is 1 yard long, and customers order ribbon in fractions of a yard.

**You will make:** Ribbon Order Chart

## I can…

- I can show and explain equivalent fractions with models.
- I can write whole numbers as fractions.
- I can compare fractions with the same numerator or the same denominator and justify my answer.

## Materials

- Pencil
- Fraction strips
- Scissors and tape

## Steps

1. Part 1: Matching Orders
2. Part 2: Whole Yards
3. Part 3: Who Gets More?
4. Part 4: Order Chart
5. Check your work and share your ribbon order chart.

## Part 1: Matching Orders

Two customers get the same amount of ribbon when their fractions are equivalent.

**1.** Order $\frac{1}{2}$ yard. Which order in eighths is the same length?

**2.** Order $\frac{2}{3}$ yard. Which order in sixths is the same length?

**3.** Order $\frac{3}{4}$ yard. Which order in eighths is the same length?

## Part 2: Whole Yards

Some customers buy whole yards.

**4.** Write 2 yards as a fraction with denominator 1.

**5.** Write 1 yard in fourths.

**6.** Write 3 yards in halves.

## Part 3: Who Gets More?

Compare the orders. Write >, < or = and explain.

**7.** $\frac{5}{6}$ yard ___ $\frac{2}{6}$ yard

**8.** $\frac{2}{4}$ yard ___ $\frac{2}{8}$ yard

## Part 4: Order Chart

Make a chart of 4 orders: two equivalent pairs and one comparison.

**9.** Your chart.

## Extension Challenge

Find three fractions equal to $\frac{1}{2}$ using halves, fourths, sixths or eighths.

## How your project will be scored

| Learning target | 4 Exceeds | 3 Meets | 2 Approaching | 1 Beginning |
|---|---|---|---|---|
| I can show and explain equivalent fractions with models. | Correct and complete; explains how | Mostly correct | Partly correct | Not yet |
| I can write whole numbers as fractions. | Correct and complete; explains how | Mostly correct | Partly correct | Not yet |
| I can compare fractions with the same numerator or the same denominator and justify my answer. | Correct and complete; explains how | Mostly correct | Partly correct | Not yet |
| I can explain my thinking with pictures, numbers and words. | Clear for every part | Clear for most parts | Some explanation | Little explanation |
| My ribbon order chart is complete and matches my math. | Complete, neat, accurate | Complete | Partly complete | Not complete |