

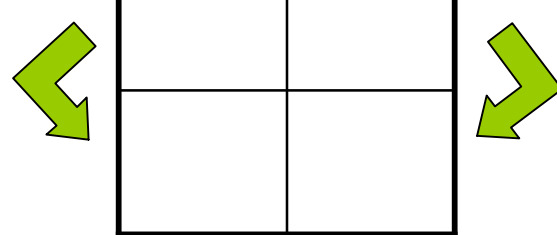
Name \_\_\_\_\_

Date \_\_\_\_\_

### Math 8: Unit Rates

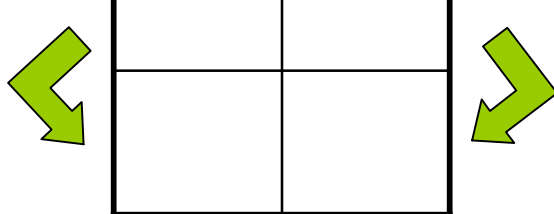
1. If 3 yards of fabric costs 1 dollar, determine the unit price for one yard of fabric.

Yards	Dollars

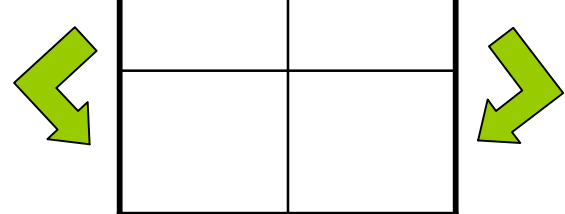


2. If  $\frac{3}{8}$  yards of fabric costs  $\frac{1}{2}$  dollar, determine the unit price for one yard of fabric.

Yards	Dollars

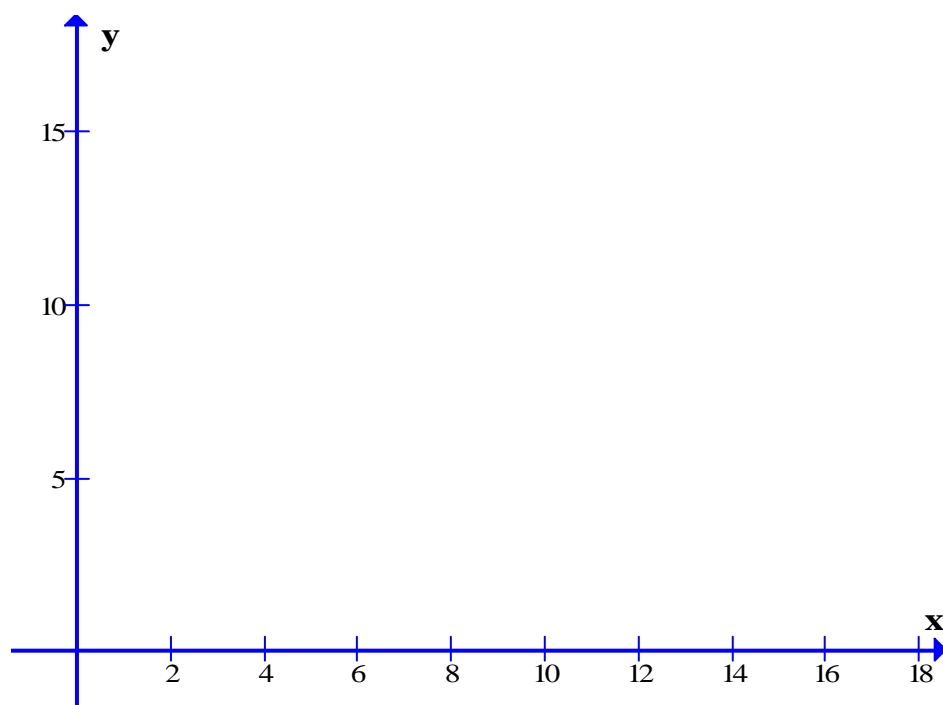


Yards	Dollars



3. What is a **unit rate**?
4. List a few examples of unit rates.
5. Compare the growth rates of bean sprouts that grow 5.5 cm in 16.5 days and tomatoes that grow 4.25 cm in 14.625 days.
- Use proportions to compare the two rates.

- b. Draw a graph to compare the two rates.



6. Which plant grows at a faster rate? How do you know?

**Unit price** is a unit rate used to compare costs per item.

7. Pens can be purchased in a 5-pack for \$1.95 or a 15-pack for \$6.20. Which is the better buy?
8. Jamie can buy a 15oz jar peanut butter for \$2.19 or a 20 oz jar for \$2.78. Which is the better buy?