# Comparing Unit Prices

Ratios & Rates

Name: _____ Date: _____ Grade 6

**1. A car travels 10 miles in 12 minutes. Which of these is not an equivalent rate?**

**A** 5 miles in 6 minutes

**B** 1 mile in 72 seconds

**C** $\frac{5}{6}$ mile in 1 minute

**D** $1\frac{1}{5}$ miles in 1 minute

**2. A 3-pound melon costs $6. Which of these have the same price per pound? Select all that apply.**

- ☐ **A.** A 1-pound melon for $2
- ☐ **B.** A 1-pound melon for $3
- ☐ **C.** A $\frac{1}{2}$-pound melon for $1
- ☐ **D.** A 1-pound melon for $0.50
- ☐ **E.** 6 pounds of melon for $12

**3. Ivy bought a 30-pound bag of cat litter for $16.50. Max bought a 10-pound bag for $6.20.**

**a** Complete the table to find the unit rate for each bag.

| | Cat Litter (lb) | Price ($) | Unit Rate ($ per lb) |
|---|---|---|---|
| Ivy | 30 | 16.50 | |
| Max | 10 | 6.20 | |

**b** Which size bag is the better deal? Explain your thinking.

**4. Which brand of cereal is the best deal? Explain your thinking.**

• Brand A: 12 ounces for $3.48 • Brand B: 20 ounces for $5.40 • Brand C: 15 ounces for $4.80

**5. A grocery store sells four kinds of grapes.**

**a** Complete the table to find the unit price of each kind.

| Grape Variety | Price ($) | Weight (lb) | Unit Rate ($ per lb) |
|---|---|---|---|
| Red | 7.50 | 3 | |
| Green | 8.40 | 4 | |
| Cotton candy | 9.75 | 3 | |
| Black | 11.20 | 5 | |

**b** Which kind of grape is the best deal? Explain your thinking.

**6. Rosa reads 24 pages in 30 minutes. Theo reads 30 pages in 40 minutes. Who reads faster? Explain your thinking.**

**7. Ian uses 6 cups of flour to make 4 loaves of bread. Ian says, "At this rate, I can make 7 loaves with 9 cups of flour." Is Ian correct? Explain your thinking.**

**8. Plane A flies 1,800 miles in 4 hours. Plane B flies 1,155 miles in $2\frac{1}{2}$ hours. Plane C flies 2,600 miles in $6\frac{1}{2}$ hours. Liam says Plane A is the fastest. Is Liam correct? Explain your thinking.**