

7) The ratio of boys to girls on a field trip is 3:4. There are 49 students total. How many are girls?

8) The ratio of apples to oranges is 8:3. If there are 32 apples, how many oranges are there?

9) A car travels 80 miles in 4 hours. What is the unit rate in **miles per hour**?

10) 30 notebooks cost \$90. What is the cost per notebook?

11) A runner completes 6 miles in 55 minutes. What is the unit rate in **minutes per mile**?

12) You buy a 10-pack of juice boxes for \$9.50. Your friend buys a 16-pack of juice boxes for \$13.20.

a) What is the unit price (cost per juice box) for each pack?

b) Which is the better deal?

c) How much cheaper per juice box is the better deal?

13) A printer prints 90 pages in 8 minutes.

a) What is the unit rate?

b) How many pages will it print in 10 minutes?

14) The ratio of cups of juice to cups of water is 30 : 50. Complete the table.

Juice	Water
9	
	30
	100

15) Decide whether the rates are equivalent (yes or no)

25 breaths for every 40 seconds

100 breaths for every 3 minutes