

UNIT RATE WITH LINE GRAPHS

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To continue using the concept of unit rate and apply it to real life situations using graphs.

Necessary Information:

A unit rate is written as something compared to one whole.

Ex: Highway speed: 110 km in one hour – 110km/h

Gas prices: 152.4 cents for one liter – 152.6¢/L

Practice Section:

1) For each of the following graphs, create a table of values and determine the unit rate.

a)

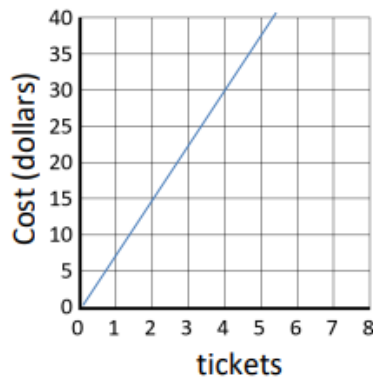
Time	Height



Unit Rate: _____

b)

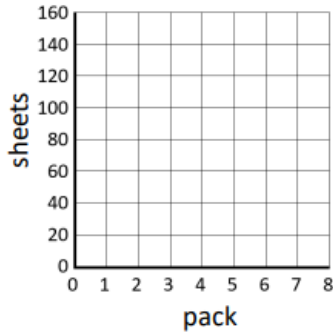
Tickets	Cost



Unit Rate: _____

2) For the following graphs, use the information to create the graph, state the unit rate and write a real-world situation that could be represented.

a)

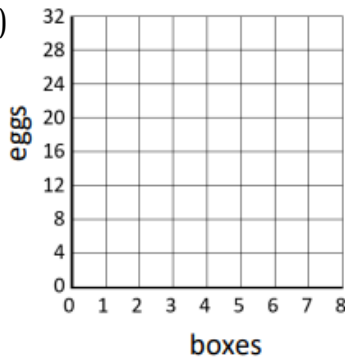


Unit Rate: _____

Real-World Situation:

Unit rate is 15 sheets per pack.

b)



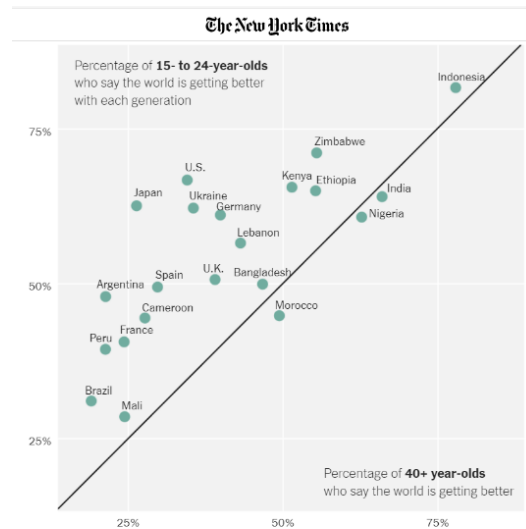
Unit Rate: _____

Real-World Situation:

Unit rate is 6 eggs/box.

In Your Real World:

With a family member, discuss the following graph that was in the New York Times in 2021. Write one conclusion you can draw from the graph.



Source: UNICEF-Gallup survey of more than 21,000 people conducted by telephone in 21 countries between February and June 2021.