### Cohen Middle School

#### 100 Robinwood Avenue

## Elmira Heights, NY 14903

### 734-5078

Name	Date January 9, 2020
Math: Comparing Unit	Rates
·	
	Homework: test corrections due & wksht
Social Studies:	Ancient India classwork
	Homework: Aryans and Vedas
ELA:	aly Word Ladder
	income 15 main Idea Group activity in "Elevator To Space" Pressure
Science: Hand	in "Elevator To Space" Pressure
· New	NB " ATMOSPHERE" Pages 1-5 (LAB)
· Itw (or	NB " ATMOSPHERE" Pages 1-5 (LAB)  WED - ATMOSPHERIC LAYERS from WED. ESD
Computer Apps/Techno	
	Homework: Blue Ribbon Labeling Activity due Fri.



## Deference Sheet

Nc	ıme:		Da	ıte:		
	Comp	doring	Unit	Roje		
1. 2. 3.	Unit rate compares a Equivalent rates have	quantity to _ the same _	<u>1</u>		utc.	_·
	\$60 for 75 cooki \$72 for 90 cooki \$75 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	io:			reconds Mob 505	Xh 15
4.	To compare two or mo		d the Lini			
	Then, determine which When you find the price Cost. When finding unit cost	n is <b>better</b> ce per item, t, the 20 math test	is s in 3 hours.	always tl Mrs. Park	ne numer er grades	ator.
. [	Mrs. Cooper	com	pare	( Mi	rs. Parker	
	Rate 120 mash to 3 hours Unit Rate 40 mosh to 1 h	Anner o	/	l see	Rate hows nit Rate	AND THE STREET OF THE STREET O
9.	Betsy and Catalina sto hours and makes 20 bi Who makes more brace	racelets. Ca	ıtalina make		- ·	
	VOOK WALL			h homes	-te	

Unit: Rates and Percents Student Handout 2

Name	
Date	Pd

## RATES AS COMPARISONS

P.169

Think of a time when you had to compare two things in order to make a decision. What helped you make that decision?

## **PRICING**

The <u>Linit in the can help us determine the better value for our money.</u>



1. A twelve-pack of Orange Crush is priced at \$3.00. A six-pack is priced at \$1.75. Which is the better value?



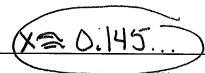
2. Folgers Coffee is priced at \$12.88 for 80 cups of coffee, and Seattle's Best is priced at \$9.00 for 50 cups. Which brand of coffee is the better value for each cup?



## SPEED

3. Hunter jogs 4 miles in 30 minutes. Ryan jogs 7 miles in 48 minutes. Who jogs the fastest?

X=0133



,	
1	

Use your understanding of rate to answer questions 4-5.

4. The Olympic record for the men's 100m freestyle is 47 seconds. The Olympic record for the women's 50m freestyle is 24 seconds. What was each rate of speed? Which record is the faster speed?

 $\frac{M}{M} = \frac{X}{13}$ 

=<u>anz</u> m

50m : Xm

2 2.08<sub>0</sub>

X== 2.12... >

X= 2.08.

5. Anna can type 123 words in 3 minutes. Caroline can type 220 words in 5 minutes. Who can type the fastest?

## OTHER COMPARISONS

- 6. A contractor has 12 gallons of paint which will cover 2,712 square feet. Which of the following rates best represents the relationship between the number of square feet and the number of gallons of paint?
- A. 226 gallons of paint per square foot
- B. 2,712 gallons of paint per square foot
- C. 226 square feet per gallon of paint
- D. 12 square feet per gallon of paint

7. Northside High School is having a spaghetti dinner fundraiser. In order to advertise, students place flyers on neighborhood doors. Margie hands out 120 flyers in 2 hours. Jaxon hands out 18 flyers in 15 minutes. Which equation can be used to determine f, the number of flyers Jaxon handed out in two hours?

A. 
$$\frac{18}{15} = \frac{f}{2}$$

B. 
$$\frac{120}{f} = \frac{2}{15}$$

C. 
$$\frac{18}{2} = \frac{f}{120}$$

D. 
$$\frac{120}{15} = \frac{f}{18}$$

Summarize today's lesson:

N	ame Period
	Homework: Comparing Rates
1.	Grocery Mart has cookies on sale for \$3 for 12 cookies. Food Shoppe has cookies on sale \$5.70 for 19 cookies?
	Target Statement
SI	now Work:
2.	Car A goes 640 miles on 20 gallons of gas. Car B goes 390 miles on 13 gallons of gas. Which car gets bette mileage?
	Target Statement
	mileage? Target Statement
	mileage? Target Statement
	mileage? Target Statement
	mileage? Target Statement
	mileage? Target Statement
	mileage? Target Statement
	mileage? Target Statement

And the second s				
-				

## **Ancient India**



See	Think	Wonder
What do you see in the image?	What do you think this image represents?	What questions do you have about this topic or image?

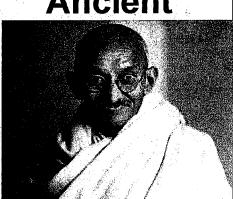
## **Ancient India Reading Graphic Organizer**

Geography



People in Ancient India developed near the Indus and Ganges rivers. These rivers brought fertile soil which enabled them to grow crops and foods. Monsoons are seasonal winds that brought rains and helped to grow crops as well.

Religion



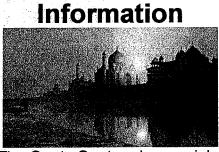
India

## Government



The people believed in the Caste System which is a social class structure. The Brahmin were the priests, the Kshatriya were the warriors, the Vaishya were the merchants and the Sudras were the Peasants.

## **Ancient**



**Important** 

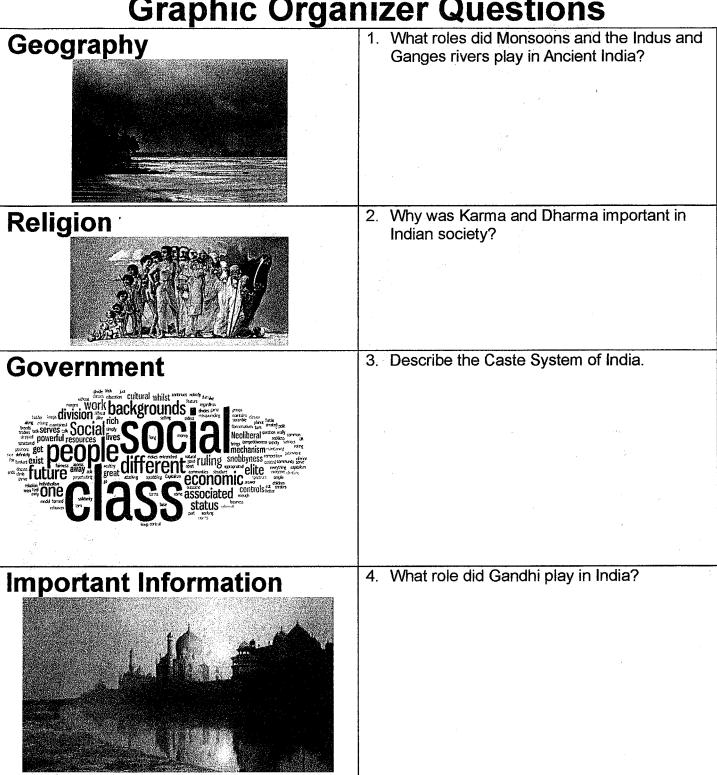
The Caste System is a social class structure that influences the political, social and economical lives of people. However, in some cases, the caste system was not fair to all woman. As a result, an influential man called Gandhi rose and spoke out for the rights of the people.

The people in Ancient India believed in Karma and Dharma. The people believed in Karma in which one's actions in life will determine their fate in the next life. In addition, Hinduism strongly believes in dharma which is a strong moral influence. Today in India,

people continue to follow

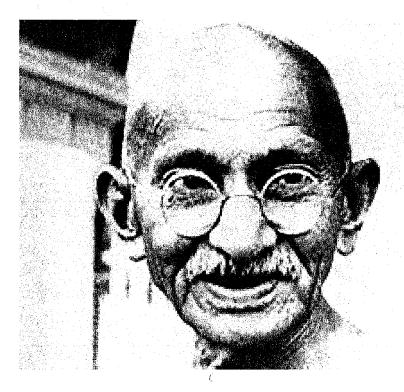
Hinduism.

# **Ancient India Reading Graphic Organizer Questions**



N	ame				

Date\_\_\_\_\_



EXIT	How did geography influence Ancient India?	the development of	
コ	Why was Gandhi important?		
CKE			

Name:	1
Period:	



## The Aryans and the Vedas

HIMALAYAS

INDIA

The Aryans were warriors that first appeared in northern India about 1500BCE.

Most Aryans were nomadic cattle herders, who

occasionally practiced slashand-burn agriculture. A band of
Aryans would slash, or cut, the
trees on a plot of land to create a
field. Months later, when the
vegetation had dried, they set it
on fire. The ashes left from the
fire fertilized the soil for a few
growing seasons. The Aryans
would repeat the process in a new
area once the soil had been exhausted.
The Aryans did not remain in one place
for long, so unlike the Indus River Valley
culture that preceded them in the region, the
Aryans did not build permanent homes.

The Aryans were skilled warriors. Their experience as cattle herders made them able horsemen. Like the Assyrians of Mesopotamia, the Aryans built chariots with spoke wheels, which were faster and easier to control than chariots with solid wheels.

Their military skills allowed bands of Aryans to subjugate the native Dravidian people and to spread their language and culture to most of the subcontinent.

About 1000BCE, the Aryans discovered iron ore in the Ganges River Valley. The heavy monsoon rains created dense vegetation in the valley. When the Aryans cleared the trees and brush, they discovered fertile land that allowed them to permanently farm along the banks of

the Ganges. Within 500 years, the several villages the Aryans had formed had grown into small states.

The Aryans spoke Sanskrit, a language that is similar to many European languages but unlike the Dravidian languages spoken in India before the Aryan invasion. The similarities with European languages suggest the Aryans came through the tall mountains of the Hindu Kush from present-day Afghanistan. However, we cannot be sure because there are no stories of a great journey to be found in the songs and poems of the Aryan people.

The first Aryans on the subcontinent could not read or write, but they did have a rich

oral tradition. For hundreds of years, Aryan songs and epic poems were handed down by word of mouth.

About 500BCE, the Aryans began to compose a body of texts called Vedas based on their traditional stories. Veda is a Sanskrit word that means knowledge. The Rig Veda is a collection of more than 1000 poems that survives to this day. The influence of these stories of the Aryan people on the subcontinent is why historians label the period of Indian history lasting from about 1500BCE to 322BCE as the Vedic Age.

## **Answer in Complete Sentences**

*1.	1. Explain why the first Aryans did not remain in one place for very long.					
_						
-						
-						

<sup>\*</sup>This is a higher order learning question. Any reasonable answer will be accepted.

Name:	
Period:	



Fill in the Blanks
The Aryans were nm_dc warriors who apparently reached the Indian s_bo_tnnt
from Central *A by crossing the Hnu Kush. The first Aryans on the Indian
subcontinent were ctte herders who occasionally practiced sa_h-and-bn agriculture.
The Aryans discovered i ore in the Gn_es River Valley, so they fashioned *mt_l
tools to clear the lush* $v_g_t$ on that resulted from the annual $m_n_o$ n rains. The fertile
land along the Ganges allowed the Aryans to build permanent f
The first Aryans were illiterate, but by about 500BCE, the Aryans composed a collection of stories,
songs and scripture they called the $V\d$ _s. Historians often label the period of 1500BCE to 322BCE
the Vd_c Age because of the influence of the Aryans and their texts on the Indian subcontinent.
Answer in Complete Sentences  2. How did the first Aryans farmers fertilize their soil?
*3. Why was the discovery of iron in the Ganges River Valley significant to the Aryans?
4. Why do many historians believe the Aryans migrated from Central Asia to the Indian subcontinent:
5. What are the Vedas?
6. Why do historians label the period of Indian history lasting from about 1500BCE to 322BCE as the Vedic Age?

<sup>\*</sup>This is a higher order learning question. Any reasonable answer will be accepted.