

Math:

Ratio Conversion

notes/video      hw wksht.

Social Studies:

Caste System  
of India

no hw

ELA:

Daily Warm Up

Finish Theme  
Begin Food Truck Project

Science

Continue Computer Research "Severe Weather"  
Goal- TO Finish <sup>TORNADO</sup> Thunderstorm, Winter Storm  
today.



Yards to feet?

$$in:ft - 12:1$$

$$ft:yd - 3:1$$

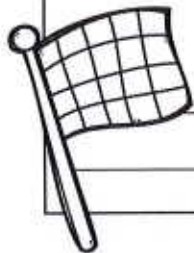
$$yd:ft - 1:3$$

b. If the green team's race car travels 14 feet, then how many inches did it travel?

$$14 \cdot 12 = 168$$

|     |    |
|-----|----|
| in  | ft |
| 12  | 1  |
| 60  | 5  |
| 120 | 10 |

c. How could the students use a ratio table to convert 72 inches to feet?



## CONVERSIONS WITH RATIOS

- Measurement conversions can be within measurement systems
  - Ex: inches to feet, grams to kilograms, ounces to pounds
- Represent the conversion with a ratio table or proportion. Then, solve.

Use your measurement chart to set up unit rates to solve for the missing quantities.

1. Joan is 66 inches tall. What is Joan's height in feet?

$$66 \div 12 = 5.5$$

2. The distance between two cities is 4 kilometers. How many meters apart are the two cities?

$$4 \text{ km} \times 1000 = 4000 \text{ m}$$



Use your mathematics chart to set up unit rates to solve for the missing quantities.

5. How many cups are in 8 quarts?

$$\frac{8 \text{ QUARTS}}{1} \times \frac{4 \text{ CUPS}}{1 \text{ QUART}} = 32 \text{ C}$$

6. How many centimeters are in 12 meters?

$$\text{a) } \frac{12 \text{ m}}{1} \times \frac{\text{cm}}{\text{m}} =$$
$$\text{b) } \frac{12 \text{ m}}{1} \times \frac{100 \text{ cm}}{1 \text{ m}} = 1200 \text{ cm}$$

7. How many pounds are in 96 ounces?

$$\frac{96 \text{ ounces}}{1} \times \frac{1 \text{ pound}}{16 \text{ ounces}} = \frac{96 \text{ lbs}}{16}$$
$$96 \div 16 = 6 \text{ pounds}$$

8. How many yards are in 126 feet?

$$\frac{126 \text{ ft}}{1} \times \frac{1 \text{ yd}}{3 \text{ ft}} = \frac{126 \text{ yd}}{3}$$
$$126 \div 3 = 42 \text{ yd}$$

Apply your understanding of measurement conversions to solve the questions below.

9. How many inches are in 15 yards?

10. How many cups are in 4 quarts?



2. How many ounces are in 4 pints? \_\_\_\_\_

Show Work:

3. 2,500 cm is equal to how many meters? \_\_\_\_\_

Show Work:

4. A 1 mile race is equal to how many feet? \_\_\_\_\_

Show Work:





## Volume &amp; Capacity

$$1 \text{ quart (qt)} = 2 \text{ pints (pt)}$$

$$1 \text{ liter (L)} = 1,000 \text{ milliliters (mL)}$$

$$1 \text{ pint (pt)} = 2 \text{ cups (c)}$$

$$1 \text{ cup (c)} = 8 \text{ fluid ounces (fl oz)}$$

## Weight &amp; Mass

**Customary****Metric**

$$1 \text{ ton (T)} = 2,000 \text{ pounds (lb)}$$

$$1 \text{ kilogram (kg)} = 1,000 \text{ grams (g)}$$

$$1 \text{ pound (lb)} = 16 \text{ ounces (oz)}$$

$$1 \text{ gram (g)} = 1,000 \text{ milligrams (mg)}$$

## Length

**Customary****Metric**

$$1 \text{ mile (mi)} = 1,760 \text{ yards (yd)}$$

$$1 \text{ kilometer (km)} = 1,000 \text{ meters (m)}$$

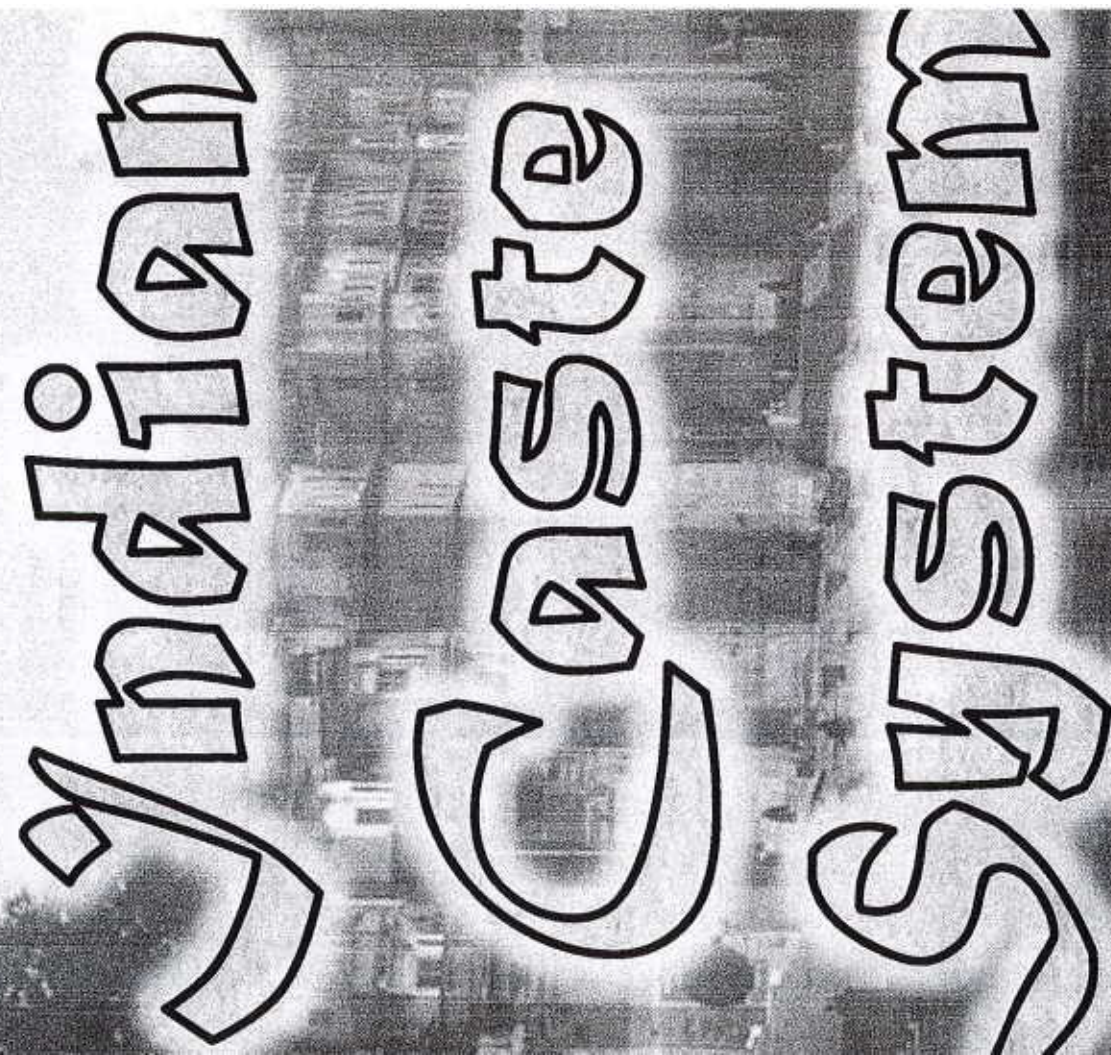
$$1 \text{ yard (yd)} = 3 \text{ feet (ft)}$$

$$1 \text{ meter (m)} = 100 \text{ centimeters (cm)}$$

$$1 \text{ foot (ft)} = 12 \text{ inches (in)}$$

$$1 \text{ centimeter (cm)} = 10 \text{ millimeters (mm)}$$





# Indian Waste System

# aste Sys

**Brahmins**  
(Priests)

**Twice  
Born  
Groups**

**Khsatriyas**  
(Warriors)

**Vaishyas**  
(Merchants, Landowners)

**Shudras**

Servants, Subordinate to Vaishyas,  
Khsatriyas and Brahmins

**Untouchables**

Or Out of Caste or Subordinates to all  
(Cobblers, Street Sweepers Latrine Cleaners)

# Brahmins

From the mouth

## Brahma

About 9% of population, priestly services  
Vedas, spiritual guides

**Diet:** Vegetarians, some consumers of meat

**Attitudes Towards Others:** Spiritually superior to others, marriage ceremonies

**Skills/Products:** Priestly services, leadership

# Kshatriyas from the arms of

The "warrior class", defending the  
external and internal strife

**Diet:** Meat eating (not beef)

**Attitudes Towards Others:** To protect  
from harm, especially women, children  
and elderly

**Skills/Products:** Defense, specialized  
arms, ammunition, tactics of war

# Valshyas

om the thighs of I

to protect animals, the land, to ma  
with food and clothes, trade with

**Diet:** honey, fruit, veggies and

**or Towards Others:** they c  
s, but not servants, most are busi

**s/Products:** Tend to cattle, gi  
ifices, trade, lend money, cultivate

# Shudras

From the feet of Brahmins

The only class that can accept emperors, artisans and workers

**Diet:** Veggies, fruits, no meat,

**For Towards Others:** Take work, be loyal, follow moral rules

**Dis/Products:** Washers, tarriers, sweepers,



# Untouchabl

bottom of the Indian Caste  
t of the "dirty work"

out most of the unwanted jobs  
handling cattle or beef or car  
sing of dead bodies

up was excluded from most  
roups within India

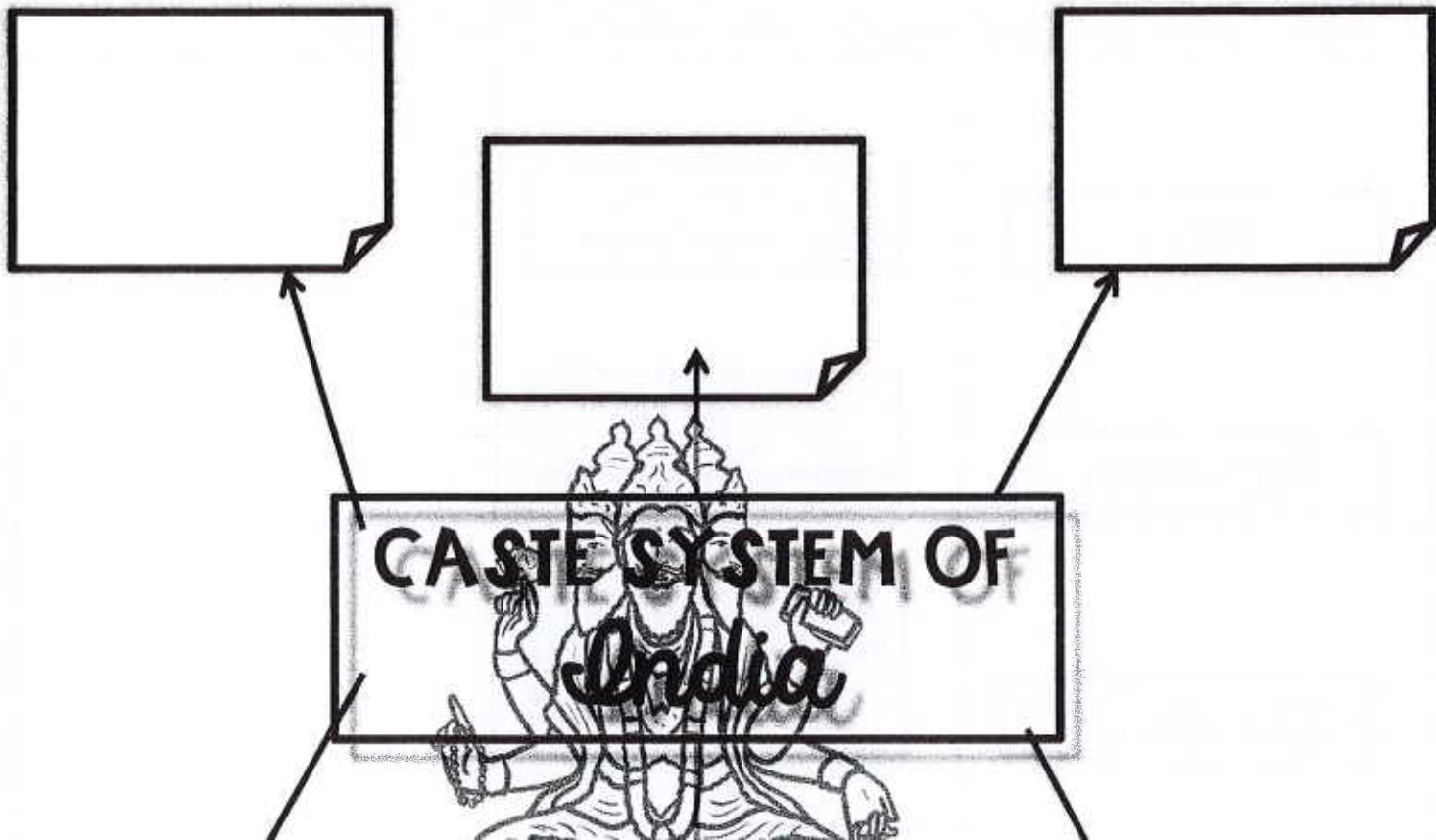
# to System

ent Caste System has not been  
day India for nearly 60 years  
n mostly illegal today, the Indian  
still "exists" in the same way that  
the US

areas where it is still evident  
age and politics

of politicians has become the #1 reason why  
es receive a vote in the democratic Indian society  
the top paying jobs in India are  
the top 3 Caste levels

Directions: You are going to view an introductory video on the Caste System of India. Identify SIX big ideas from the video on the graphic organizer below! Go to [goo.gl/3Ectk7](http://goo.gl/3Ectk7) to access the video!



Word

Definition

Image

Directions: Draw lines to match the following words and definitions.  
Next, sketch an image of each word in the image column!

Caste

A member of the  
highest Hindu caste

Brahman

Each of the 4 Hindu  
castes

Manusmriti

An advocate of passive  
resistance during India's  
struggle with Great  
Britain for home rule

... You are going to analyze the development of the caste System within Ancient India. Go to [goo.gl/oQxTXH](http://goo.gl/oQxTXH) to access the website, and respond to the following questions.

1. According to an ancient text known as the \_\_\_\_\_, the division of \_\_\_\_\_ society was based on \_\_\_\_\_ divine manifestation of \_\_\_\_\_ groups.
2. Priests and teachers were cast from his \_\_\_\_\_, rulers and warriors from his \_\_\_\_\_, merchants and traders from his \_\_\_\_\_, and workers and peasants from his \_\_\_\_\_.
3. What does the word "caste" mean?  
\_\_\_\_\_  
\_\_\_\_\_
4. Others might present a \_\_\_\_\_ explanation of India's \_\_\_\_\_ system, based on the notion that all living things inherit a particular set of

6. What are the 4 varna categories?

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7. Describe the untouchables?

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8. Does the caste system still exist today in India?

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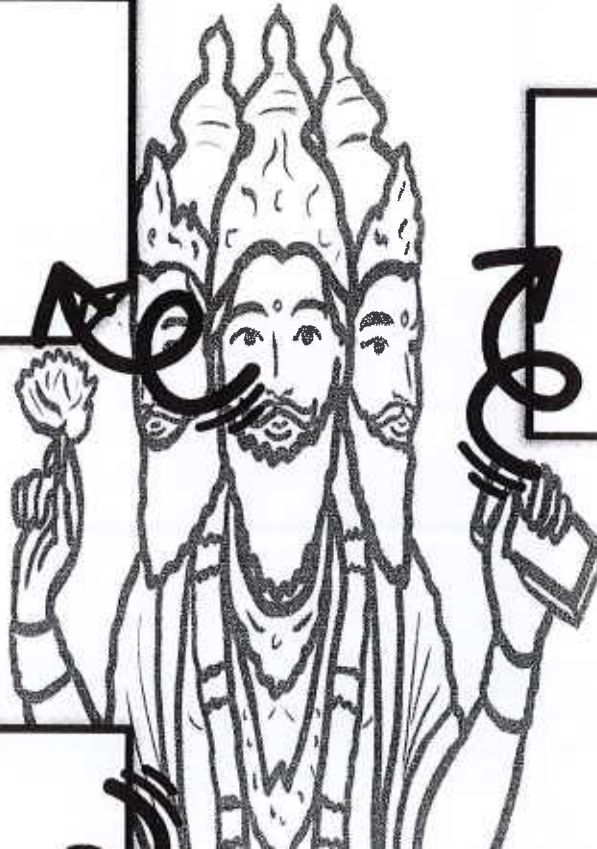
9. Describe the efforts of Mohandas Gandhi and his involvement in the caste system of India.

of Brahman—His mouth, arms, thighs and feet. You are going to access a Presentation that further describes each of these levels and complete the graphic organizer below. Go to [goo.gl/ryf55y](http://goo.gl/ryf55y) to access the Presentation!

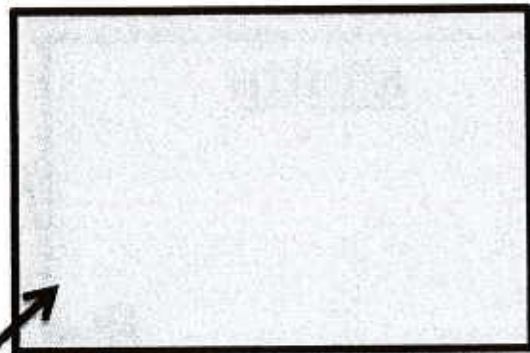
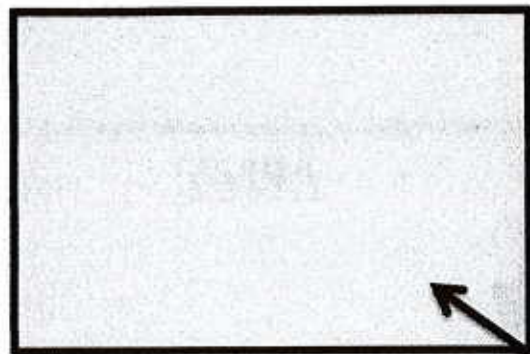
MOUTH

ARMS

THIGHS



... You are now going to watch a video that tells the story of Mahatma Gandhi. In the graphic organizer below, share FOUR details about his life that you learned. Go to [goo.gl/TtLuQU](http://goo.gl/TtLuQU) to access the video!



*Life of Mahatma Gandhi*



in Ancient India, you are now going to examine what the Caste System looks like today in India. Go to [goo.gl/wkFsHp](http://goo.gl/wkFsHp) to watch a video, and then respond to the following question.

*Is the Caste System still alive today?*

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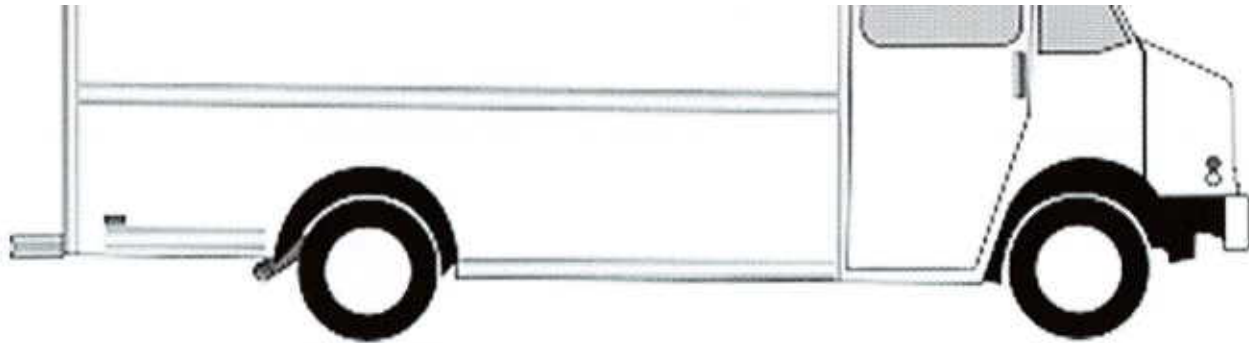




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## **A Truck Themed to the Text**

You will be creating a food truck based on the novel you read. Imagine that you are taking it to a world literary conference. Famous authors, publishers, journalists, English teachers, and English students will be eating at the conference, and your truck will represent the novel in every possible way. You will make choices of appearance, theme,



There are many ways to tie food to a theme. Imagine Harry Potter opened an ice cream truck and created a flavor personalized to everyone he knew. Imagine Katniss Everdeen created a food truck for the capital and created a dish representing each district, all secretly containing a bit of poison as part of the war between the capital and the rebellion. This page is your chance to start brainstorming for the food truck you are going to design. It's very important to have a clear intention with what you choose, an intention that connects to your reading.

1. Start with the type of food. What general type of food will your food truck be serving? Why?

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2. Consider a name for your food truck. Sketch the name and some possible design

Welcome to our food truck! Today we're serving:

|              |      |
|--------------|------|
| On the menu: | Why: |
| On the menu: | Why: |
| On the menu: | Why: |
| On the menu: | Why: |

Server:

Why:

Social Media/Marketing:

Why:

Other:

Why:

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. \_\_\_\_\_

# Food Truck Rubric

|   |   |   |   |  |
|---|---|---|---|--|
| <p>Required Elements<br/>_____/20 pts</p> | <p>The project is barely adequate, includes some of the required elements.<br/>(12-13)</p>  | <p>This project is missing one or two elements. Additional elements may be incomplete.<br/>(14-15)</p>  | <p>The project may be missing an element, or one or two elements may be incomplete.<br/>(16-17)</p> | <p>The project includes all required elements completed thoroughly.<br/>(18-20)</p>                                    |
| <p>Required Elements<br/>_____/20 pts</p> | <p>Evidence of connection to the text is barely there. This food truck does not reflect an understanding of the test.<br/>(12-13)</p> | <p>The project does not go far enough to explain how the elements of the food truck reflect the text. The analysis is very unclear.<br/>(14-15)</p> | <p>The elements of the project are clearly connected to the test through analysis.<br/>(16-17)</p>  | <p>The project is thoroughly connected to the text through careful use of detail and textual analysis.<br/>(18-20)</p> |