THRONES OF CIVILIZATION

1. How many people live in your home?
2. How many toilets are there in your home?
3. Write that in ratio form (___ toilets for every ___ people)
4. Imagine what would you do if there was no toilet in your home? Where would you go?
5. How many people in India don’t have access to a toilet or latrine?

Here’s why we’re talking about this
A very low proportion of the rural population in India uses improved sanitation. Almost 70 per cent do not have access to toilets.

Almost 28 million school children across India do not have access to school toilet facilities.

Globally, India has the largest number of people still defecating in the open.
# Countries with Most People Defecating in the Open

<table>
<thead>
<tr>
<th>Country</th>
<th>Population</th>
<th>Open Defecation Rate (2015)</th>
<th>Sepsis MMR (per 100,000 births)</th>
<th>Child Deaths from Diarrhea (per 1,000:2013)</th>
</tr>
</thead>
<tbody>
<tr>
<td>India</td>
<td>569,397,200</td>
<td>26.0</td>
<td>5.5</td>
<td></td>
</tr>
<tr>
<td>Haiti</td>
<td>2,011,100</td>
<td>31.5</td>
<td>8.7</td>
<td></td>
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<tr>
<td>Togo</td>
<td>3,710,000</td>
<td>46.3</td>
<td>7.1</td>
<td></td>
</tr>
<tr>
<td>Nepal</td>
<td>8,973,700</td>
<td>26.0</td>
<td>2.8</td>
<td></td>
</tr>
<tr>
<td>Benin</td>
<td>5,800,200</td>
<td>35.0</td>
<td>7.7</td>
<td></td>
</tr>
<tr>
<td>Nigeria</td>
<td>46,017,300</td>
<td>57.7</td>
<td>11.0</td>
<td></td>
</tr>
<tr>
<td>Cambodia</td>
<td>7,439,800</td>
<td>9.3</td>
<td>2.8</td>
<td></td>
</tr>
<tr>
<td>Burkina Faso</td>
<td>9,876,500</td>
<td>41.2</td>
<td>9.6</td>
<td></td>
</tr>
<tr>
<td>Pakistan</td>
<td>25,100,200</td>
<td>23.3</td>
<td>9.0</td>
<td></td>
</tr>
<tr>
<td>Indonesia</td>
<td>52,252,400</td>
<td>10.4</td>
<td>1.6</td>
<td></td>
</tr>
</tbody>
</table>

19% OF HEALTH-CARE FACILITIES IS LOW-INCOME AND MIDDLE-INCOME COUNTRIES

Source: WATERAID REPORT 2015
Arithmetic density = # people divided by area of land

Pleasanton population is approx 77,000
Area is 24.28 square miles

Arithmetic density of P-town is (drumroll....)

3,171 (that's people per square mile)
Arithmetic density = # people divided by area of land

Dharavi, located in Mumbai, has a population of 850,000 and an area of just over 0.81 sq mi.

Arithmetic density of Dharavi is (drumroll....)

1,049,000 (that's people per square mile)
CENTRAL PARK in MANHATTAN
700,000 - 1 million people live in an area half the size of Central Park.
DHARAVI in MUMBAI
Sanitation in India: The Final Frontier
Fixing Dreadful Sanitation in India Requires Not Just Building Lavatories but also Changing Habits
Alex Travelli, The Economist, July 2014
Sourcing/Contextualization:
The Final Frontier - final obstacle/issue/problem that is keeping India from developing

Building Lavatories - need more sanitation infrastructure

Changing Habits - a cultural shift needs to happen

Prediction: Travelli will make the claim that sanitation infrastructure is needed, however, a belief that sanitation will benefit overall development needs to be prioritized more
1st time you read it

• # paragraphs
• mark words or phrases you don’t understand
• read for the big ideas
2nd time through

Annotations

After each paragraph, summarize the main idea and respond to it
Paragraph 1:

“priority over temples” - more sanitation infrastructure is needed over monies spent on new or refurbishing temples

“Ending defecating...2019” - clear goal by government, shows priority

Gandhi quote - showing the historical, social, and cultural significance of sanitation
Close Read

Paragraphs 2, 3, 4: Claims and support
1 - Public Safety
2 - Public Health
3 - Paragraph 4 provides support for “Public Health” claim

Conclusion - Open defecation in India leads to issues including; public safety and health and development. Sanitation issues is one of India’s hurdles to overcome in order to fully develop.
Close Read

Paragraphs 2, 3, 4: Claims and support
1 - Public Safety
2 - Public Health
3 - Paragraph 4 provides support for “Public Health” claim
Close Read

Paragraphs 5,6,7,8,9,10 - Explains why Indians decide to defecate in public - cultural reasons

Paragraphs 11 and 12 - Brief solution - education both from the government and UN, “Take the Poo to the Loo”
Debrief Questions

1) What did Gandhi say about good sanitation?

2) How many don’t have toilets? _______________ What percentage of rural people defecate outdoors? ___%
Of the 1 billion people of the world without toilets, how many live in India? ________________

3) What sometimes happens to women and girls when they go to relieve themselves outdoors?

4) Describe the cultural obstacle to increase use of toilets in India.

5) Describe in detail the differences are there between Hindu and Muslims in this area.

6) Compare how some Indians see latrines as compared with open defecation.

7) What does the writer of this article suggest as an important element of the solution? EXPLAIN WHY IN DETAIL.