

**For each page ...
either do front or write 1 of your own on back!**

1. How many fingers are in 2,000 km of the **MACHINE TOWERS IN THE MATRIX?** [Erik Ahrend]

Given:

Estimate: # fingers / 2000 km

- 2 hands per human
- 1 tower per 500 meters
- 5 fingers per hand
- 1,000 meters per km
- 1,200 humans per 5 towers

2. **STRING THEORY:** How many actual **STRINGS** are there in the universe? [Erik Ahrend]

Given:

Estimate: # strings / universe

- Every six people will need two strings.
- In each galaxy there are 9,000 other systems like "**Solar System Bill & Ted**".
- There are 6 galaxies in the known universe.
- There are 500,000 people in the system: "**Solar System Bill & Ted**".

3. How many ants would it take to cover the length of the **Ididarod** (famous dog sled race)? [Sam Leib]

Given:

Estimate: # ants / Ididarod

- an ant is about an eighth (.125) of an inch long
- the Ididarod dog sled race covers about 1,049 miles
- there are 12 inches in a foot
- there are 5,280 feet in one mile