Name: _____

Class: _____   Date: _____

Slice the Pie

An extension of "Special teachers who help their countries"

"Special teachers who help their countries" (page 16, *What's Up* April 2019) is an inspiring story of an actress who became a teacher. She was one of the 30,000 teachers from 170 countries shortlisted for a big award. It is amazing how numbers put things in perspective.

Read the *What's Up* story. Number its paragraphs from 1 to 9. (Do not number the sidebar.)

1. Based on paragraph 1, calculate the ratio of the approximate number of entries received to the number of finalists for the 2019 Global Teacher Prize.

   1. ANSWER: _____

2. Based on paragraphs 2 and 9, calculate the number of years Dr Swaroop has been teaching and the approximate average number of teachers she has trained annually during this time.

   2. ANSWERS: _____ and _____

3. Write the following in numerals.

   (a) 10 million: _____ (b) 1.21 billion: _____

4. (a) The below table is about **Indian children aged 5 to 14 years**. Complete it.

	Section 1: Children who go to school <u>and</u> do not need to work	**Section 2:** Children who work to support their families <u>instead of</u> going to school	Children aged 5 to 14 years TOTAL
Population (in numerals)	____	10 million	259, 640, 000
Population (in %, correct to 2 decimal places)		P % = ____ %	100%
Population (in degrees, correct to 1 decimal place)		360° x P % = ____%	360°

   (b) Overleaf, draw a pie chart to represent the population of the two sections in the table. First, draw a circle and a radius. Next, using a protractor, draw two angles on either side of this radius. The measure of the two angles are the population (in degrees) of the two sections, respectively. The circle should now look like a pie with two slices. Shade the two slices and label them – *School-going children* and *Child labourers*

5. Write a reflection on what you feel about children and their rights and privileges below the pie chart diagram.