

# Mathspace



## Facts about our global village

There are over 6.9 billion people on Earth today. Who is this large community composed of?

- Convert the following facts to percentages to find out.

### Race

- 0.61 Asian
- $\frac{12}{100}$  European
- 0.08 North American
- 0.05 South American & Caribbean
- 0.13 African
- $\frac{1}{100}$  Oceania (this includes Australia)

### Conditions

- 0.43 live without basic sanitation
- $\frac{1}{3}$  don't have access to clean, safe drinking water
- 0.13 are hungry and/or malnourished

### How many people?

Currently, there are approximately 6 900 000 000 people living on Earth.

- Using the facts you now know about our world, calculate how many people:

- (a) don't have access to clean water
- (b) struggle to live on \$2.50 or less per day
- (c) have a computer
- (d) don't have a secondary school education.

### How rich are you?

If you have a bed to sleep on, food to eat and a roof over your head, you're richer than what percentage of the entire world's population?

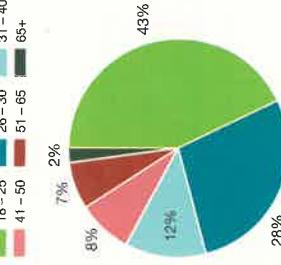
- To find out, complete this decimal calculation and convert your answer to a percentage.

$$1.2 - 2.7 + 3.5 - 1.25 =$$

### I want to help

There are many charities out there that are trying to create more equality in the world – Oxfam is one of these. Charities often rely on the generosity of ordinary people. Here is a pie chart of the age groups of Oxfam volunteers.

### Volunteers by age group



- Using the pie chart above, find out the following.

- (a) What percentage of volunteers are between 18 and 30?
- (b) Why do you think most volunteers are in this age range?

### In the future

- Imagine it's the year 2055. How do you hope the 'global village' percentages have changed? Write down your predictions and ideas.

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