

Aims for this activity:



find out more about key LGBT+ statistics by practicing my mental arithmetic



find out more about British attitudes to being LGBT+

What do I need for this activity?

- A computer for the presentation, and to look up the number of pupils in your school
- Paper to write down your answers



The left hand column contains the fact that the number relates to.

The right hand column contains the sum which will help you discover the full statistic.



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|---|---|
| 1. The % of people in the UK in 2017 who said same-sex relationships are 'not wrong at all' | 1. 8^2 |
| 2. The % of people in the UK in 1987 who said same-sex relationships are 'not wrong at all' | 2. $847 / 77$ |
| 3. The % of people in the UK who are estimated to be LGBT+ | 3. $(57 + 43) / 10$ |
| 4. The no. of people that would be in the average 1000-person secondary school | 4. 0.1 of 1000 |
| 5. The % of people in the UK who are estimated to be trans | 5. 6×0.02 (rounded to the nearest decimal place) |



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|--|--|
| 6. The no. of people that would be in the average 1000-person secondary school | 6. 0.01 of 1000 |
| 7. The % of people afraid to hold a same-sex partner's hand in public | 7. $(34 \times 4) \times 0.5$ |
| 8. The % of LGBT+ people who haven't come out in their workplace | 8. $(3^3 \times 4) / 2$ then add 2 |
| 9. The % of LGBT+ young people who miss school | 9. $\sqrt{1600}$ |
| 10. The % LGBT young people outed without their permission | 10. The fourth prime number $\times 3$ |



- | | |
|---|---|
| 1. The % of people in the UK in 2017 who said same-sex relationships are 'not wrong at all' 64% | 1. 8^2 |
| 2. The % of people in the UK in 1987 who said same-sex relationships are 'not wrong at all' 11% | 2. $847 / 77$ |
| 3. The % of people in the UK who are estimated to be LGBT+ 10% | 3. $(57 + 43) / 10$ |
| 4. The no. of people that would be in the average 1000-person secondary school 100 | 4. 0.1 of 1000 |
| 5. The % of people in the UK who are estimated to be trans 1% | 5. 6×0.02 (rounded to the nearest decimal place) |



6. The no. of people that would be in the average 1000-person secondary school **10**

7. The % of people afraid to hold a same-sex partner's hand in public **68%**

8. The % of LGBT+ people who haven't come out in their workplace **56%**

9. The % of LGBT+ young people who miss school **40%**

10. The % LGBT young people outed without their permission **21%**

6. 0.01 of 1000

7. $(34 \times 4) \times 0.5$

8. $(3^3 \times 4) / 2$ then add 2

9. $\sqrt{1600}$

10. The fourth prime number $\times 3$

