[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwj779H3wt7KAhWFQBoKHX_bBP8QjRwIBw&url=http://www.bbc.co.uk/history/topics/enigma&bvm=bv.113370389,d.d2s&psig=AFQjCNEObrelDj2bnhai1sdQJ0sBxMvdFw&ust=1454689469175511)

**World War II code masters used fractions to code their information.**

**They would encrypt their messages using decimals and percentages to confuse their enemies. Can you crack the code?**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| A = 4/5 | B = 5/5 | C = 1/10 | D =2/3 | E = 1/3 | F = 8/10 | G = 7/8 |
| H = 2/4 | **I = 3/5** | **J = 5/6** | **K = 5/9** | **L = 4/6** | **M = 4/9** | **N = 6/10** |
| 0 = 5/12 | **P = 2/10** | **Q = 1/12** | **R = 3/4** | **S = 9/10** | **T = 4/10** | **U = 3/10** |
| V = 1/4 | **W = 3/7** | **X = 8/11** | **Y = 7/12** | **Z = 6/7** |  |  |

**8. 50% + 1/4 =**

**9. 0.4 + 2/5 =**

**10. 100% - 3/4 =**

**11. 60% - 3/10 =**

**12. 5/10 + 10% =**

**13. 33% + 1/3 =**

**1. 7/10 – 0.3 =**

**2. 3/4 – 0.25 =**

**3. 66% - 1/3 =**

**4. 50% - 4/10 =**

**5. 0.8 – 3/5 =**

**6. 1 – 2/5 =**

**7. 4/10 - 30% =**

**Use this cypher to crack the code**

13

3

12

8

11

1

3

3

2

8

3

10

9

2

4

12

9

6

13

9

12

9

7

1