

Crack the code

Resource sheet 5b



Look at the fractions in the boxes below. Each fraction is linked to a letter of the alphabet.

First, change each fraction to a decimal and fill in your answers in the blank boxes. (Some of the answers have been filled in already to get you started.)

$A = \frac{1}{2}$	$B = \frac{1}{4}$	$C = \frac{1}{8}$	$D = \frac{1}{5}$	$E = \frac{2}{5}$	$F = \frac{3}{5}$	$G = \frac{4}{5}$	$H = \frac{1}{10}$
0.5			0.2				
$I = \frac{2}{2}$	$J = \frac{3}{4}$	$K = \frac{3}{8}$	$L = \frac{5}{8}$	$M = \frac{7}{8}$	$N = \frac{3}{10}$	$O = \frac{7}{10}$	$P = \frac{9}{10}$
		0.375		0.875			
$Q = \frac{1}{20}$	$R = \frac{3}{20}$	$S = \frac{7}{20}$	$T = \frac{9}{20}$	$U = \frac{11}{20}$	$V = \frac{13}{20}$	$W = \frac{17}{20}$	$Y = \frac{19}{20}$
0.05				0.55			0.95

Now look at the puzzle below.

Question

What should you eat if you are cold and angry?

0.1	0.7	0.45	0.125	0.15	0.7	0.35	0.35	0.25	0.55	0.3	0.35

Can you see how to crack the code?

When you have finished, try using the same code to make a puzzle for someone else to solve.