

Resource sheet 6H: Crack the code (simplifying fractions)

Look at the boxes below. Work out the simplest form of each fraction.

Each answer links to a letter of the alphabet.

$\frac{2}{12}$	$\frac{5}{15}$	$\frac{15}{75}$	$\frac{4}{32}$	$\frac{12}{48}$	$\frac{18}{60}$	$\frac{14}{16}$
A	B	C	D	E	F	G

$\frac{28}{70}$	$\frac{3}{300}$	$\frac{16}{32}$	$\frac{9}{24}$	$\frac{7}{70}$	$\frac{12}{20}$	$\frac{75}{100}$
H	I	J	K	L	M	N

$\frac{10}{15}$	$\frac{81}{90}$	$\frac{10}{16}$	$\frac{32}{40}$	$\frac{10}{12}$	$\frac{56}{80}$	$\frac{6}{200}$
O	P	Q	R	S	T	U

Crack the code by replacing each of the simplified fractions with the correct letter.

$\frac{3}{10}$	$\frac{1}{100}$	$\frac{3}{4}$	$\frac{1}{100}$	$\frac{5}{6}$	$\frac{2}{5}$		
$\frac{2}{3}$	$\frac{3}{10}$	$\frac{3}{10}$		$\frac{7}{10}$	$\frac{2}{5}$	$\frac{1}{4}$	
$\frac{4}{5}$	$\frac{1}{4}$	$\frac{5}{6}$	$\frac{7}{10}$		$\frac{2}{3}$	$\frac{3}{10}$	
$\frac{7}{10}$	$\frac{2}{5}$	$\frac{1}{4}$					
$\frac{1}{6}$	$\frac{1}{10}$	$\frac{9}{10}$	$\frac{2}{5}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{7}{10}$