

## MPM 1DI: *Converting Rational Decimals to Rational Fractions*

Convert each repeating decimal into a fraction in lowest terms. Place the letter corresponding to each question into the code at the bottom of the page to determine *how* each person said each statement!

- |                      |                      |                      |                     |
|----------------------|----------------------|----------------------|---------------------|
| Ⓣ $0.\overline{6}$   | Ⓜ $0.\overline{4}$   | Ⓨ $1.\overline{3}$   | Ⓟ $0.\overline{69}$ |
| Ⓛ $1.\overline{2}$   | ⓕ $0.2\overline{4}$  | Ⓡ $0.\overline{90}$  | ⓔ $1.\overline{37}$ |
| Ⓢ $0.01\overline{8}$ | Ⓡ $0.15\overline{3}$ | Ⓜ $0.1\overline{6}$  | Ⓤ $0.1\overline{3}$ |
| ⓐ $0.3\overline{8}$  | ⓐ $1.2\overline{7}$  | Ⓝ $0.03\overline{6}$ | ⓓ $0.2\overline{4}$ |
| ⓗ $0.\overline{240}$ |                      |                      |                     |

1. "I tore his Valentine in two," Cleopatra said...

$\frac{80}{333}$	$\frac{14}{11}$	$\frac{11}{9}$	$\frac{11}{45}$	$\frac{80}{333}$	$\frac{136}{99}$	$\frac{14}{11}$	$\frac{10}{11}$	$\frac{2}{3}$	$\frac{136}{99}$	$\frac{8}{33}$	$\frac{11}{9}$	$\frac{4}{3}$	

2. "If I only had a brain," said the Scarecrow...

$\frac{14}{11}$	$\frac{23}{33}$	$\frac{2}{111}$	$\frac{136}{99}$	$\frac{2}{55}$	$\frac{2}{3}$	$\frac{1}{6}$	$\frac{17}{111}$	$\frac{2}{55}$	$\frac{8}{33}$	$\frac{136}{99}$	$\frac{8}{33}$	$\frac{11}{9}$	$\frac{4}{3}$	

3. "My horse won't stop," Wild Bill said...

$\frac{4}{9}$	$\frac{7}{18}$	$\frac{136}{99}$	$\frac{11}{45}$	$\frac{2}{15}$	$\frac{11}{9}$	$\frac{11}{9}$	$\frac{4}{3}$

4. "Accidents will happen," said Captain Hook...

$\frac{7}{18}$	$\frac{11}{45}$	$\frac{11}{45}$	$\frac{80}{333}$	$\frac{14}{11}$	$\frac{2}{55}$	$\frac{8}{33}$	$\frac{136}{99}$	$\frac{8}{33}$	$\frac{11}{9}$	$\frac{4}{3}$	