



## QTS: FRACTIONS AND DECIMALS

1) Match these 10 decimals with their fraction equivalents:

- |           |                    |
|-----------|--------------------|
| 1) 0.01   | a) $\frac{5}{8}$   |
| _____     | _____              |
| 2) 0.25   | b) $\frac{4}{5}$   |
| _____     | _____              |
| 3) 0.35   | c) $\frac{22}{25}$ |
| _____     | _____              |
| 4) 0.72   | d) $\frac{7}{40}$  |
| _____     | _____              |
| 5) 0.125  | e) $\frac{18}{25}$ |
| _____     | _____              |
| 6) 0.8    | f) $\frac{1}{4}$   |
| _____     | _____              |
| 7) 0.12   | g) $\frac{3}{25}$  |
| _____     | _____              |
| 8) 0.625  | h) $\frac{7}{20}$  |
| _____     | _____              |
| 9) 0.88   | i) $\frac{1}{8}$   |
| _____     | _____              |
| 10) 0.175 | j) $\frac{1}{100}$ |
| _____     | _____              |

2) Write these decimals as fractions (in lowest terms – i.e. cancel as far as possible)

e.g.  $0.65 = \frac{65}{100} = \left( \frac{13}{20} \right)$  ANSWER

- |           |       |
|-----------|-------|
| 1) 0.4    | _____ |
| 2) 0.45   | _____ |
| 3) 0.6    | _____ |
| 4) 0.36   | _____ |
| 5) 0.036  | _____ |
| 6) 0.005  | _____ |
| 7) 0.025  | _____ |
| 8) 0.004  | _____ |
| 9) 0.375  | _____ |
| 10) 0.405 | _____ |

### ANSWERS

- |            |                  |                   |                  |                   |                    |                    |                   |                    |                  |                      |
|------------|------------------|-------------------|------------------|-------------------|--------------------|--------------------|-------------------|--------------------|------------------|----------------------|
| <u>1</u> ) | j                | 2) f              | 3) h             | 4) e              | 5) i               | 6) b               | 7) g              | 8) a               | 9) c             | 10) d                |
| <u>2</u> ) | 1) $\frac{2}{5}$ | 2) $\frac{9}{20}$ | 3) $\frac{3}{5}$ | 4) $\frac{9}{25}$ | 5) $\frac{9}{250}$ | 6) $\frac{1}{200}$ | 7) $\frac{1}{40}$ | 8) $\frac{1}{250}$ | 9) $\frac{3}{8}$ | 10) $\frac{81}{200}$ |