## Green Answers



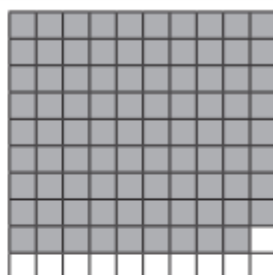| 9% | $\frac{9}{100}$ | 0.09 |



| 44% | $\frac{44}{100}$ | 0.44 |



| 89% | $\frac{89}{100}$ | 0.89 |



| 13% | $\frac{13}{100}$ | 0.13 |



| 37% | $\frac{37}{100}$ | 0.37 |



| 52% | $\frac{52}{100}$ | 0.52 |



| 60% | $\frac{60}{100}$ | 0.6 |



| 25% | $\frac{25}{100}$ | 0.25 |



| 91% | $\frac{91}{100}$ | 0.91 |
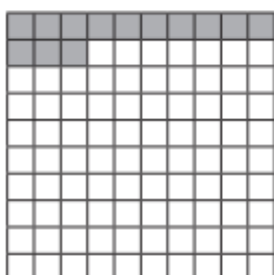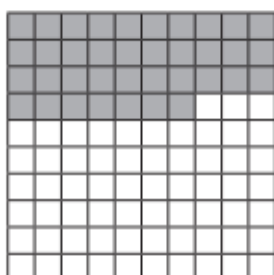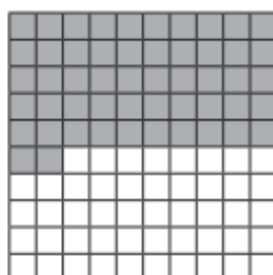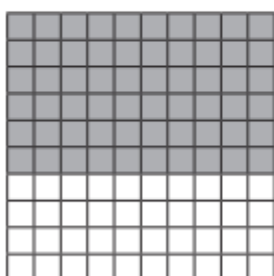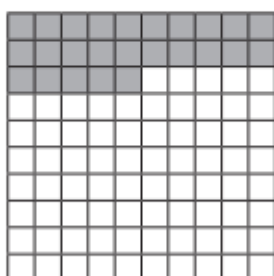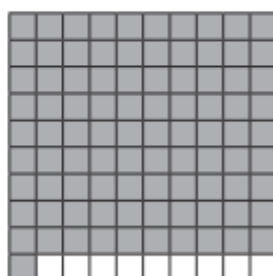
## Yellow Answers

| 25% | $\frac{1}{4}$ | 0.25 |
|---|---|---|

| 16% | $\frac{8}{50}$ | 0.16 |
|---|---|---|

| 80% | $\frac{4}{5}$ | 0.8 |
|---|---|---|

| 70% | $\frac{7}{10}$ | 0.7 |
|---|---|---|

| 15% | $\frac{3}{20}$ | 0.15 |
|---|---|---|

| 50% | $\frac{1}{2}$ | 0.5 |
|---|---|---|

| 37.5% | $\frac{75}{200}$ | 0.375 |
|---|---|---|

| 8% | $\frac{2}{25}$ | 0.08 |
|---|---|---|

| 33% | $\frac{1}{3}$ | 0.33 |
|---|---|---|
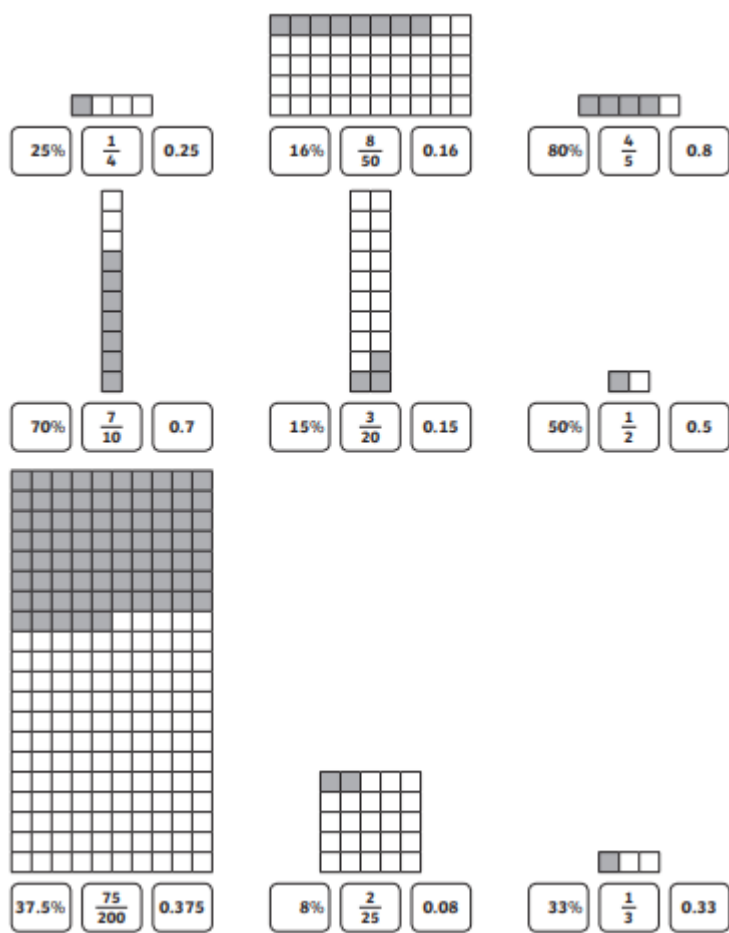
## Red Answers

### Q1.

(a)    36

(b)    46

### Q2.

Numbers in order, as shown:

0.5    $\frac{3}{5}$    0.65    $\frac{2}{3}$

*Accept equivalent decimals, percentages or fractions.*

**Q3.**

(a)    $\dfrac{1}{20}$ or equivalent

*Accept equivalent fractions, decimals or percentages, eg:*
- *5%*
- *0.05*
- $\dfrac{5}{100}$

(b)    95

**Q4.**

30%

**Q5.**

0.625

**Q6.**

An explanation showing that 0.25 is less than $\dfrac{2}{5}$, e.g.

- $\dfrac{2}{5}$ is $0.4 > 0.25$

- 0.25 is $\dfrac{5}{20} < \dfrac{8}{20}$

- 0.25 is 25% and $\dfrac{2}{5}$ is 40% and 25% is smaller than 40%

- 0.25 is a quarter.

  You need 8 quarters to make 2, but only 5 lots of $\dfrac{2}{5}$ to make 2

- $\dfrac{2}{5} = 0.4$

- $\dfrac{1}{4}$ is $\dfrac{1}{4}$ smaller than a half, but $\dfrac{2}{5}$ is only $\dfrac{1}{10}$ smaller,

so $\frac{1}{4}$ is smaller than $\frac{2}{5}$

## Q7.

$\frac{1}{22}$ **OR** $\frac{5}{110}$

*Accept equivalent fractions.*

## Q8.

Award **TWO** marks for two boxes ticked correctly, as shown:

$\frac{1}{20}$  ☐

$\frac{20}{40}$  ☐

$\frac{1}{5}$  ☑

$\frac{3}{15}$  ☑

$\frac{2}{100}$  ☐