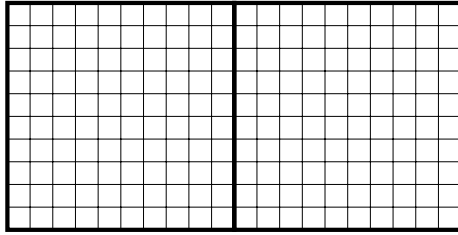


1. (i) Shade in 153% in the diagram below.



(ii) Write 153% as a decimal

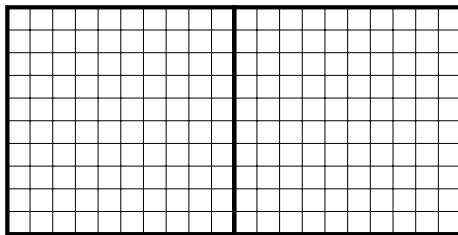
(iii) Complete this table.

Amount shaded	Improper fraction shaded	Proper fraction shaded
153%	$\frac{\quad}{100}$	$1 \frac{\quad}{100}$

Key

Fraction	1	$\frac{1}{10}$	$\frac{1}{100}$
Decimal	1	0.1	0.01
Percentage	100%	10%	1%

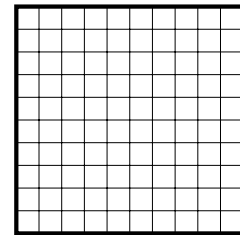
2 (i) Shade in $1 + \frac{3}{100}$ in the diagram below



(ii) Write $1 + \frac{3}{100}$ as a decimal

(iii) Write $1 + \frac{3}{100}$ as a percentage

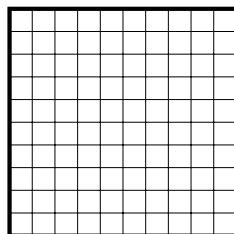
3 (i) Shade in 9% in the diagram below



(ii) Write 9% as a decimal

(iii) Write 9% as a fraction

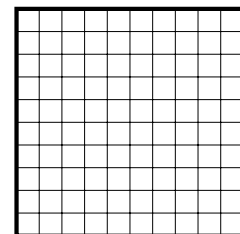
4 (i) Shade in $\frac{7}{10} + \frac{3}{100}$ in the diagram below



(ii) Write $\frac{7}{10} + \frac{3}{100}$ as a decimal

(iii) Write $\frac{7}{10} + \frac{3}{100}$ as a percentage

5 (i) Shade in 0.7 in this diagram



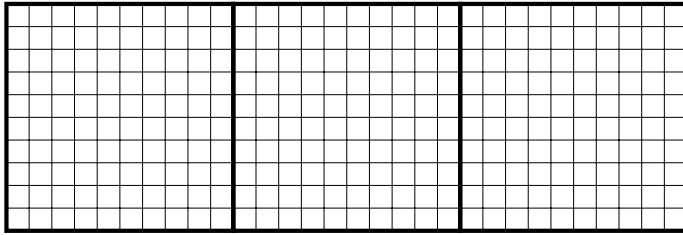
(ii) Write 0.7 as a fraction

(iii) Write 0.7 as a percentage

Answers: 1. (i) 153 squares (ii) 1.53 (iii) $\frac{153}{100}$ and $1\frac{53}{100}$ 2. (ii) 0.09 (iii) 9% 3. (ii) 0.09

(iii) $\frac{9}{100}$

6. (a) (i) Shade in $2 + 0.5 + 0.09$ in the diagram below.



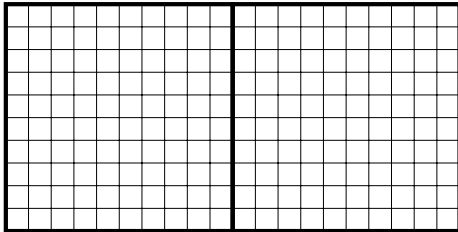
Key

Fraction	1	$\frac{1}{10}$	$\frac{1}{100}$
Decimal	1	0.1	0.01
Percentage	100%	10%	1%

(ii) Write $2 + 0.5 + 0.09$ as a decimal

(iii) Write $2 + 0.5 + 0.09$ as a percentage

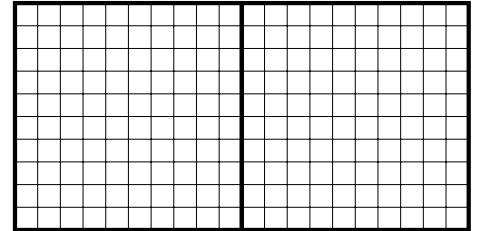
7 (i) Shade in $1 + \frac{3}{10} + \frac{7}{100}$ in this diagram



(ii) Write $1 + \frac{3}{10} + \frac{7}{100}$ as a decimal

(iii) Write $1 + \frac{3}{10} + \frac{7}{100}$ as a percentage

8 (i) Shade in 173% in this diagram



(ii) Write 173% as a decimal

9. Use your answers from questions 6 to 8 to complete this table.

Use question	Amount shaded	Improper fraction shaded	Proper fraction shaded
6 for diagram	$2 + 0.5 + 0.09$	$\frac{\quad}{100}$	$2 \frac{\quad}{100}$
7 for diagram	$1 + \frac{3}{10} + \frac{7}{100}$	$\frac{\quad}{100}$	$1 \frac{\quad}{100}$
8 for diagram	173%	$\frac{\quad}{100}$	$1 \frac{\quad}{100}$

4. (ii) 0.73 (iii) 73% 5. (ii) $\frac{70}{100}$ or $\frac{7}{10}$ (iii) 70% 6. (ii) 2.59 (iii) 259% 7. (ii) 1.37 (iii) 137%

8. (ii) 1.73	9.	$\frac{259}{100}$ and $2\frac{59}{100}$	$\frac{137}{100}$ and $1\frac{37}{100}$	$\frac{173}{100}$ and $1\frac{73}{100}$
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