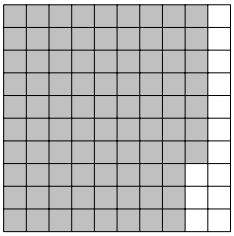
1. Part of this 100 square is shaded.



Write down the

(i) fraction shaded . . . . . .

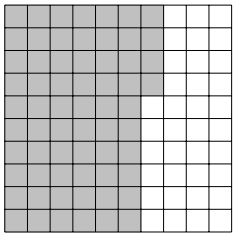
(ii) percentage shaded . . . . . %

2. (a) Write 53% as a fraction.

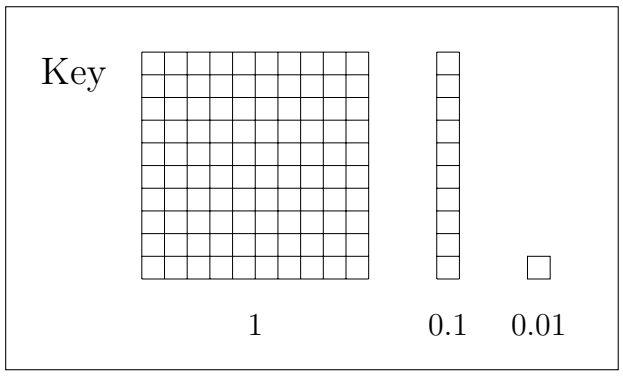
(b) Write $\frac{19}{100}$ as a percentage.

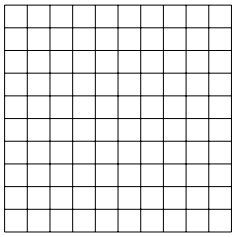
3. In the square on the left, the decimal 0.64 is shaded.

(a) Write 0.64 as a percentage below the square on the left.



(a) 0.64 = ... %





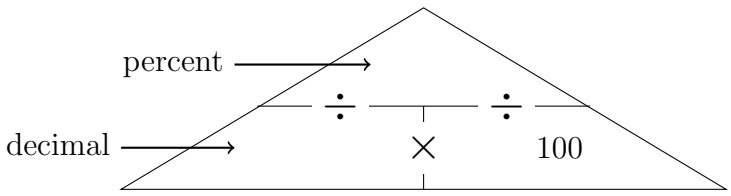
(c) 0.27 = ...

(b) Shade in 0.27 of the square on the right

(c) Write 0.27 as a fraction below the square on the right.

4. (a) Write 0.53 as a percentage.

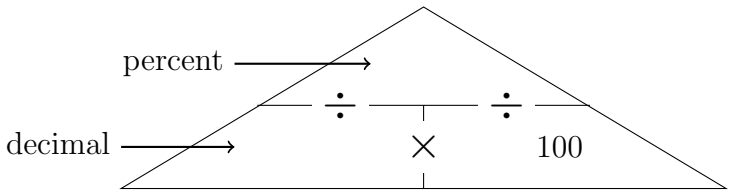
You may use this proportional formula triangle if it helps you.



.....

(b) Write 53 % as a decimal.

You may use this proportional formula triangle if it helps you.



.....

5. 5. **not written yet**

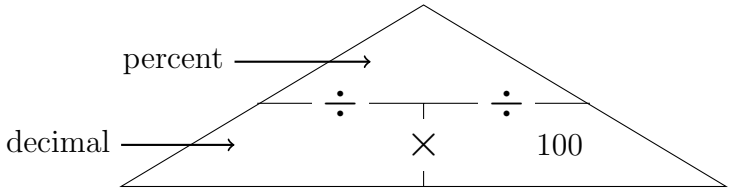
6. 6. **not written yet**

7. (a) Write 0.03 as a percentage.

   (b) Write 8% as a decimal.

8. (a) Write 0.6 as a percentage.

   You may use this proportional formula triangle if it helps you.



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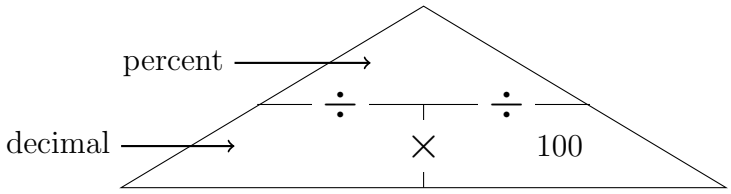
   (b) Write 380 % as a decimal.

   You may use this proportional formula triangle if it helps you.



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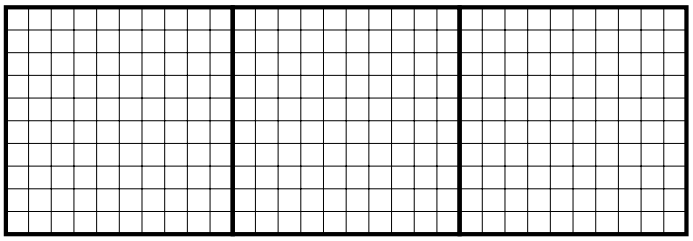
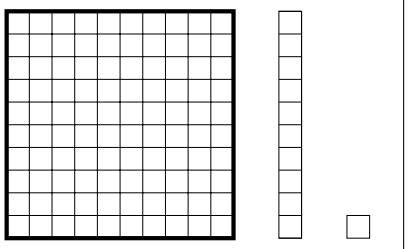
9. (a) Write 0.6 as a percentage.

   (b) Write 80% as a decimal.

10. (a) (i) Shade in $2 + \frac{8}{10} + \frac{7}{100}$ in the diagram below. {or 287% or 2 + 0.8 + 0.07}



Key



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

   (ii) Write $2 + \frac{8}{10} + \frac{7}{100}$ as a decimal . . . . . .

   (iii) Write $2 + \frac{8}{10} + \frac{7}{100}$ as a percentage . . . . . .

   (b) Complete this table.

Amount shaded	Improper fraction shaded	Proper fraction shaded
$2 + \frac{8}{10} + \frac{7}{100}$	$\frac{\quad}{100}$	$2\ \frac{\quad}{100}$

11.

11. **not. written. yet**

12. (a) Write $\frac{9}{20}$ as a percentage. {fractions can be $\frac{\square}{4}$ or $\frac{\square}{5}$ or $\frac{\square}{10}$ or $\frac{\square}{20}$ or $\frac{\square}{25}$}

    (b) Write $\frac{21}{20}$ as a percentage.

13. (a) Write $\frac{9}{20}$ as a decimal. {fractions can be $\frac{\square}{4}$ or $\frac{\square}{5}$ or $\frac{\square}{10}$ or $\frac{\square}{20}$ or $\frac{\square}{25}$}

    (b) Write $\frac{21}{20}$ as a decimal.