

1. (a) Work out $\frac{1}{4} + \frac{5}{12}$

Give your answer in its simplest form.

SPACE LEFT **3cm**

(a) $\dots\dots\frac{2}{3}\dots\dots$

FYI: method to write $\frac{1}{4}$ as $\frac{?}{12} = M1$; $\frac{8}{12} = SC2$

2. (a) Work out $\frac{3}{4} - \frac{2}{5}$

SPACE LEFT **5cm**

(a) $\dots\dots\frac{7}{20}\dots\dots$

FYI: attempt both fractions to $\frac{?}{20}$ and at least 1 correct $\frac{15}{20}$ or $\frac{8}{20} = M1$

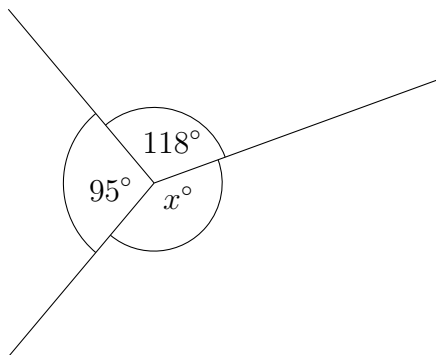
3. (a) Work out $\frac{5}{6} - \frac{2}{9}$

Give your answer in its simplest form.

SPACE LEFT **4cm**

(a) $\dots\dots\frac{11}{18}\dots\dots$

FYI: common denominator M1; either $\frac{15}{18}$ or $\frac{4}{18}$ or $\frac{33}{54} M1$; + A1



(i) Work out the value of x.

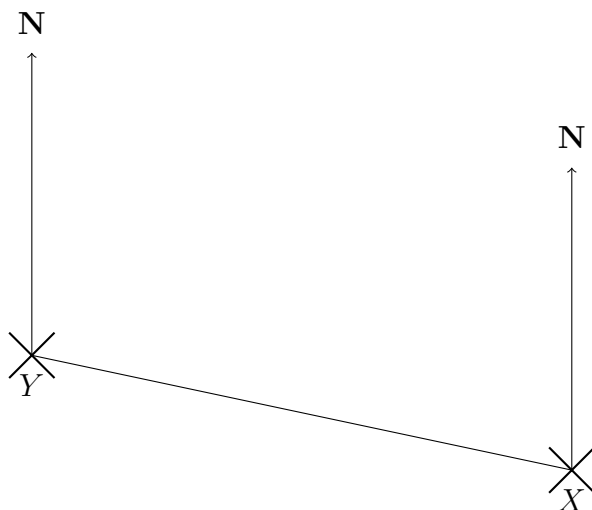
$x =$ (i). 147. (ii). acceptable

(ii) Give a reason for your answer

.....

4. **FYI:** (i) (B1); (ii) minimum acceptable wording: angles ... point ... 360° (C1)

5. The diagram shows the position of two villages X and Y.



The scale of the diagram is 1 cm represents 1 km.

(a) Write down the bearing of X from Y.

.. 102. ± 2. . °

(b) Write down the distance from X to Y.

. 7.3 ± 0.1 . km

FYI: *some printers use a default of 94% ... 97% to print pdf documents
measure with a ruler to see if your printer has*