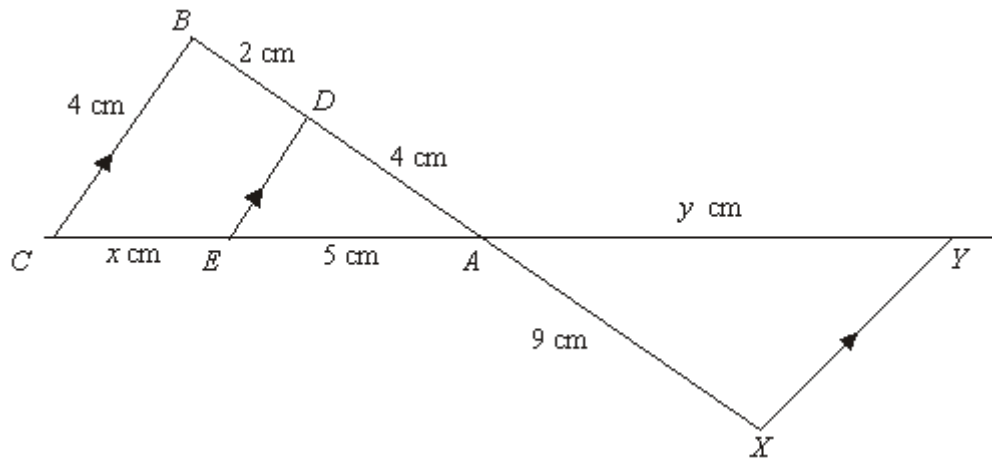


Q1.

Diagram **NOT**
accurately drawn

$CEAY$ and $BDAX$ are straight lines.

XY , ED and CB are parallel.

$AE = 5$ cm.

$AX = 9$ cm.

$AD = 4$ cm.

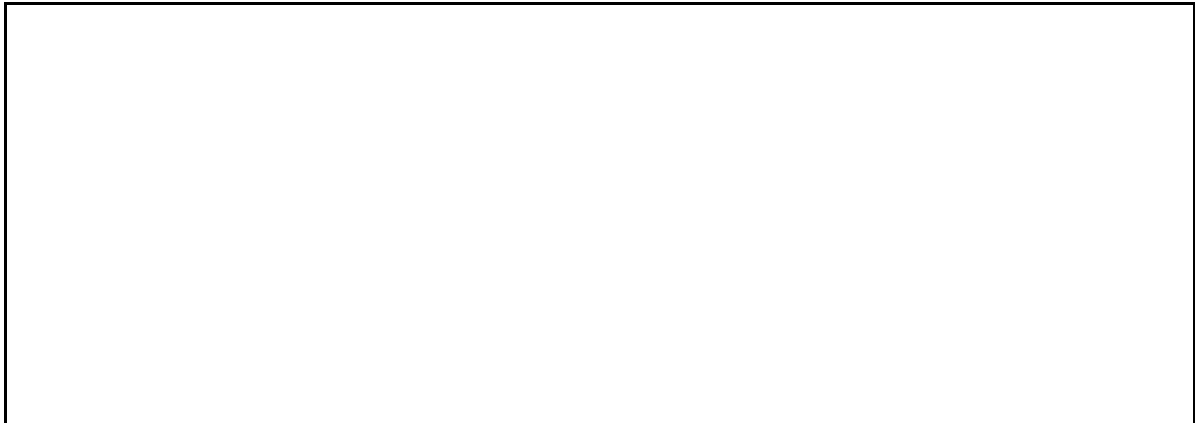
$BC = 4$ cm.

$BD = 2$ cm.

$CE = x$ cm.

$XY = y$ cm.

Find the value of x and the value of y .



$x = \dots\dots\dots$

$y = \dots\dots\dots$

(Total 4 marks)

M1.

Working	Answer	Mark	Additional Guidance
$\frac{x}{5} = \frac{2}{4}$	$x = 2.05$	4	M1 a correct expression for x involving ratios of sides, e.g. $\frac{x}{5} = \frac{2}{4}$ oe
$\frac{y}{x+5} = \frac{9}{6} \text{ or } \frac{y}{9} = \frac{x+5}{6}$	$y = 11.25$		A1 cao

Total for Question: 4 marks

Resource currently unavailable.