Find $x$

$\sqrt{66}$ cm

$\sqrt{17}$ cm

Find $x$

$OY:YM = n:1$

$DYF$ is a straight line.

Work out the value of $n$

Factorise

$2x^2 + 11xy + 15y^2$

ODEF is a quadrilateral

$\overrightarrow{OD} = a$  $\overrightarrow{OF} = b$  $\overrightarrow{DE} = 2b$

$M$ is the midpoint of $EF$

$Y$ is a point on $OM$ such that $OY:YM = n:1$

$DYF$ is a straight line.

Work out the value of $n$