Name:

Find the following vectors in terms of **a** and **b**
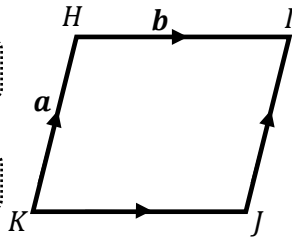
a) $\overrightarrow{AC}$

b) $\overrightarrow{CB}$

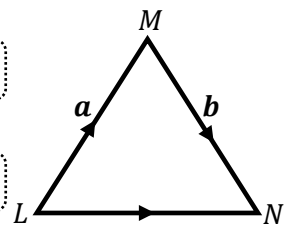i) $\overrightarrow{DF}$

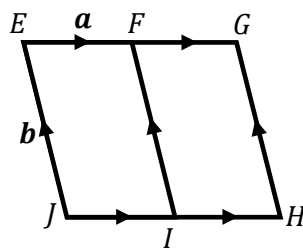j) $\overrightarrow{FG}$

c) $\overrightarrow{KI}$
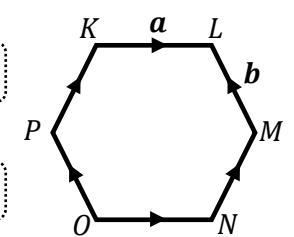
d) $\overrightarrow{JK}$

k) $\overrightarrow{LN}$
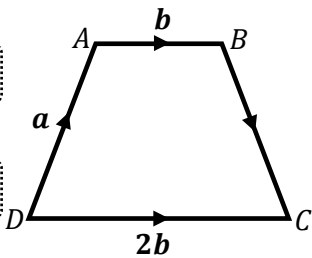
l) $\overrightarrow{NM}$

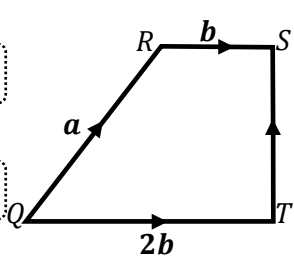e) $\overrightarrow{HG}$

f) $\overrightarrow{JG}$

m) $\overrightarrow{KM}$
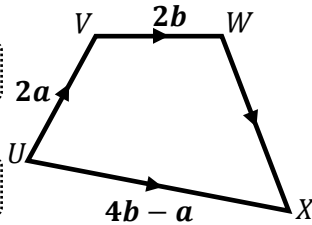
n) $\overrightarrow{NP}$
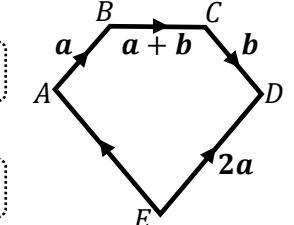
g) $\overrightarrow{AC}$

h) $\overrightarrow{CB}$

o) $\overrightarrow{RT}$

p) $\overrightarrow{TS}$

g) $\overrightarrow{VX}$

h) $\overrightarrow{XW}$

o) $\overrightarrow{DA}$

p) $\overrightarrow{EA}$

📋 **Exam question:**

Consider the triangle ABC shown.

$\overrightarrow{AB}$ = **a + 3b** and $\overrightarrow{AC}$ = **4a − 2b**

Work out $\overrightarrow{BC}$ in terms of **a** and **b** in its simplest form