Name: _____ 5-a-day Higher Plus

15th August

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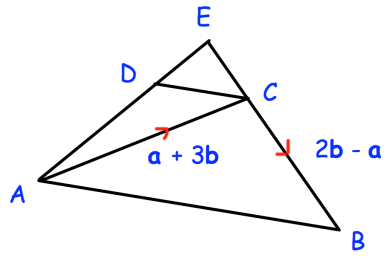


$\overrightarrow{EC} = \frac{1}{5}\overrightarrow{CB}$

$\overrightarrow{DE} = \frac{1}{5}a$

Find the vector

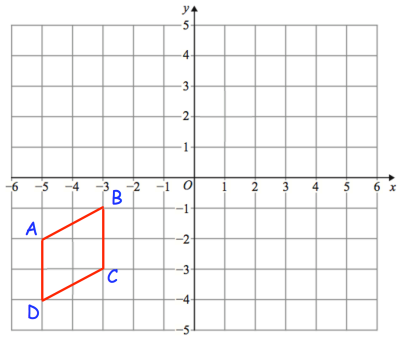
$\overrightarrow{AB}$

Prove DC is parallel to AB

Here is quadrilateral ABCD

ABCD is reflected in the line $x = -1$
followed by a reflection in the line
$y = -x$
followed by a rotation of 180° about
$(-1, -1)$

Which of the vertices are invariant?



A = {2, 3, 4, 5, 7}

B = {2, 3, 5, 9}

Find P(A' ∪ B')

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E
D
C
a + 3b
2b - a
A
B

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A
B
C
D

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