Name: \_\_\_\_\_ 5-a-day Foundation Plus

5th November	
The ratio of copper to zinc in the alloy brass is 3:2	Work out the cost of Corbettmouths 500kg of brass.
Copper costs \$4830 per tonne Zinc costs \$1846 per tonne	
The population of birds on an island in 2016 was 22% lower than it was in 1996.	How many birds lived on the island in 1996?
In 2016 the population of birds was 76440.	
A container exerts a force of 1200 Newtons on the floor. The pressure on the floor is 40 Newtons/m²	
Calculate the area of the container that is in contact with the floor.	
A 4b B Not drawn accurately  2a	B O I
$\overrightarrow{OA} = 2\alpha$ $\overrightarrow{AB} = 4b$ and $\overrightarrow{OC} = 8b$	
Point D is the midpoint of BC. Point E is the midpoint of AC.	AC
Write these vectors in terms of <b>a</b> and <b>b</b> .	

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e: \_\_\_\_\_ 5-a-day Foundation Plus

D is the midpoint on E is the midpoint of the the midpoint of these vectors in te	A 4b B Not drawn accurately $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Calculate the area of the container that is in contact with the floor.	A container exerts a force of 1200 Newtons on the floor. The pressure on the floor is 40 Newtons/m²	In 2016 the population of birds was 76440.	The population of birds on an island in 2016 was 22% lower than it was in 1996.	Copper costs \$4830 per tonne Zinc costs \$1846 per tonne	The ratio of copper to zinc in the alloy brass is 3:2	5th November
AC	OB				How many birds lived on the island in 1996?		Work out the cost of Corbettmαths 500kg of brass.	

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