Vector Equation	$\vec{\langle x \rangle} = \langle a,b,c \rangle + t\langle x\,y\,z \rangle + s$
$\vec{AB}$	$\vec{\langle x \rangle} = \langle -6.7, 18.5, 9.5 \rangle + t\langle -3.7, 19.5, 4 \rangle$
$\vec{AC}$	$\langle x \rangle = \langle -6.7, 18.5, 9.5 \rangle + s\langle -3.7, 20, 5 \rangle$

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Vector Equation	$\vec{\langle \gamma \rangle} = \langle a,b,c \rangle + t\langle x\,y\,z \rangle + s\langle x,y,z \rangle$
$\langle \gamma \rangle$	$\vec{\langle \gamma \rangle} = \langle -6.7\ 18.5\ 9.5 \rangle + t\langle -3.7, 19.5, 4 \rangle + s\langle -3.7, 20, 5 \rangle$

Scalar Equation:	A	B	C	D
$Ax + By + Cz + D = 0$	~~6.7~~ -6.7	18.5	9.5	3

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$y = -6.7x + 9.5z$

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Calculate point D = 3 cm

Calculate point E = 10.5

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~~F~~ $\langle 12.5, 4 \rangle$

G $\langle 13, 7 \rangle$

d = 3 cm.

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Parametric Equation	Your response	Check.
x	$x = t^3$	
y	$y = 0$	
z	$z = t$	

$\langle \vec{r} \rangle \quad t^3 + t$

Parametric Equation	Yours response	Check
x	$x = t^3$	
y	$y = 18.5t^2$	
z	$z = t$	

$\langle \vec{r} \rangle = t^3 + 18.5t^2 + t$