

Points A , B , C and D form the vertices of a tetrahedron.

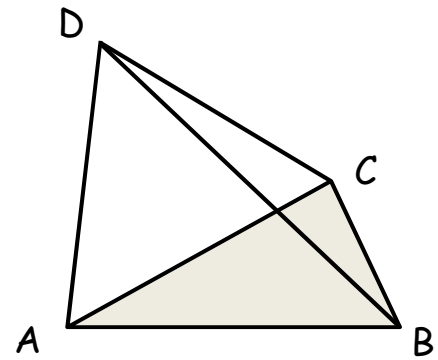
$$A \quad (-9 \quad , \quad 7 \quad , \quad 1 \quad)$$

$$B \quad (-5 \quad , \quad 5 \quad , \quad 1 \quad)$$

$$C \quad (-6 \quad , \quad 3 \quad , \quad 17 \quad)$$

$$D \quad (-2 \quad , \quad 5 \quad , \quad 13 \quad)$$

a What is the volume of the tetrahedron?



SIC_29

Points A , B , C and D form the vertices of a tetrahedron.

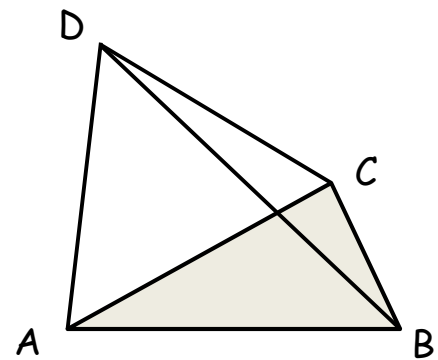
$$A \quad (-5 \quad , \quad 5 \quad , \quad 1 \quad)$$

$$B \quad (-1 \quad , \quad 3 \quad , \quad 1 \quad)$$

$$C \quad (-2 \quad , \quad 5 \quad , \quad 13 \quad)$$

$$D \quad (2 \quad , \quad 7 \quad , \quad 9 \quad)$$

b What is the volume of the tetrahedron?



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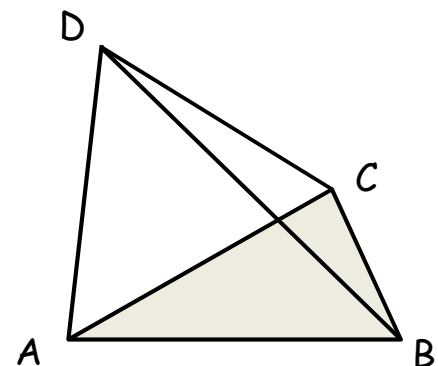
$$A \quad (-1 \quad , \quad 3 \quad , \quad 1 \quad)$$

$$B \quad (3 \quad , \quad 1 \quad , \quad 1 \quad)$$

$$C \quad (2 \quad , \quad 7 \quad , \quad 9 \quad)$$

$$D \quad (6 \quad , \quad 9 \quad , \quad 5 \quad)$$

c What is the volume of the tetrahedron?



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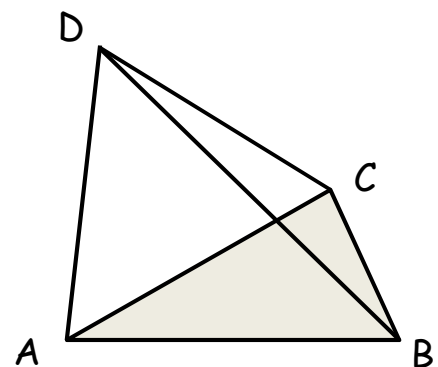
$$A \quad (3 \quad , \quad 1 \quad , \quad 1 \quad)$$

$$B \quad (7 \quad , \quad -1 \quad , \quad 1 \quad)$$

$$C \quad (6 \quad , \quad 9 \quad , \quad 5 \quad)$$

$$D \quad (10 \quad , \quad 11 \quad , \quad 1 \quad)$$

d What is the volume of the tetrahedron?



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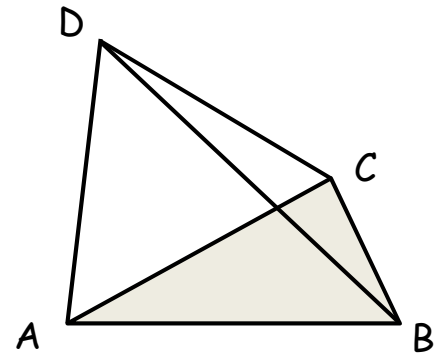
$$A \quad (7 \quad , \quad -1 \quad , \quad 1 \quad)$$

$$B \quad (11 \quad , \quad -3 \quad , \quad 1 \quad)$$

$$C \quad (-2 \quad , \quad 5 \quad , \quad 13 \quad)$$

$$D \quad (2 \quad , \quad 7 \quad , \quad 9 \quad)$$

e What is the volume of the tetrahedron?



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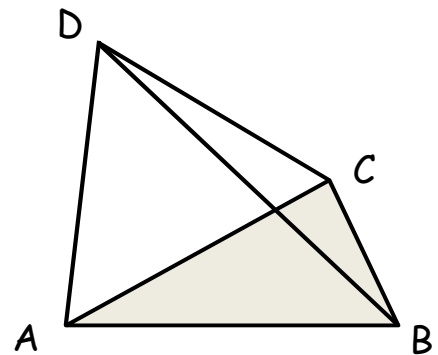
$$A \quad (3 \quad , \quad 1 \quad , \quad 1 \quad)$$

$$B \quad (7 \quad , \quad -1 \quad , \quad 1 \quad)$$

$$C \quad (2 \quad , \quad 7 \quad , \quad 9 \quad)$$

$$D \quad (6 \quad , \quad 9 \quad , \quad 5 \quad)$$

f What is the volume of the tetrahedron?



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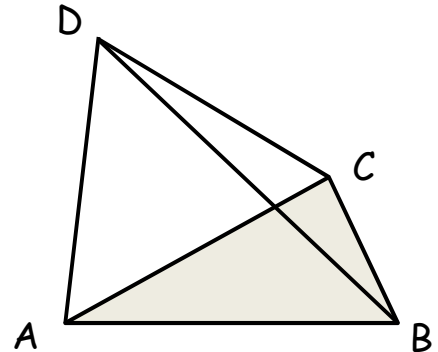
$$A \quad (7 \quad , \quad -1 \quad , \quad 1 \quad)$$

$$B \quad (11 \quad , \quad -3 \quad , \quad 1 \quad)$$

$$C \quad (6 \quad , \quad 9 \quad , \quad 5 \quad)$$

$$D \quad (10 \quad , \quad 11 \quad , \quad 1 \quad)$$

g What is the volume of the tetrahedron?



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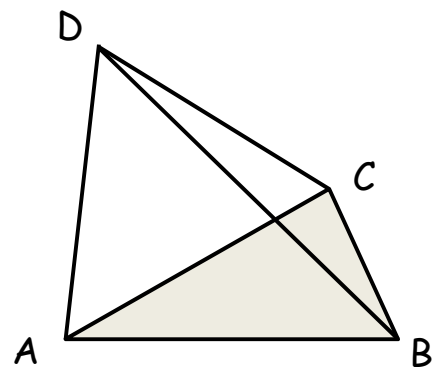
$$A \quad (11 \quad , \quad -3 \quad , \quad 1 \quad)$$

$$B \quad (15 \quad , \quad -5 \quad , \quad 1 \quad)$$

$$C \quad (6 \quad , \quad 9 \quad , \quad 5 \quad)$$

$$D \quad (10 \quad , \quad 11 \quad , \quad 1 \quad)$$

h What is the volume of the tetrahedron?



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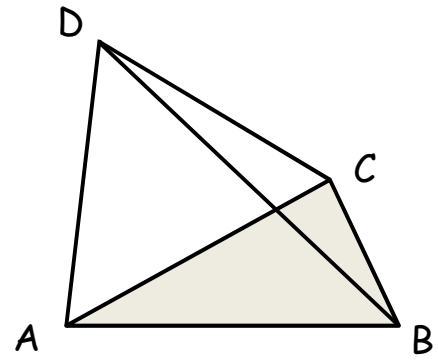
$$A \quad (-5 \quad , \quad 5 \quad , \quad 1 \quad)$$

$$B \quad (-1 \quad , \quad 3 \quad , \quad 1 \quad)$$

$$C \quad (-14 \quad , \quad -1 \quad , \quad 25 \quad)$$

$$D \quad (-10 \quad , \quad 1 \quad , \quad 21 \quad)$$

i What is the volume of the tetrahedron?



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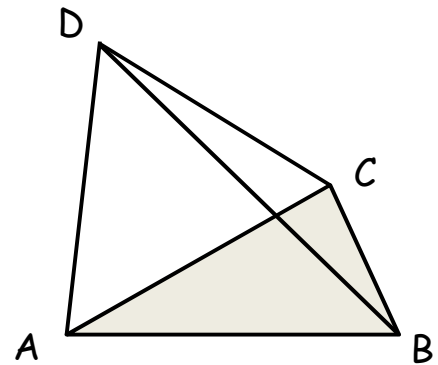
$$A \quad (-9 \quad , \quad 7 \quad , \quad 1 \quad)$$

$$B \quad (-5 \quad , \quad 5 \quad , \quad 1 \quad)$$

$$C \quad (-14 \quad , \quad -1 \quad , \quad 25 \quad)$$

$$D \quad (-10 \quad , \quad 1 \quad , \quad 21 \quad)$$

j What is the volume of the tetrahedron?



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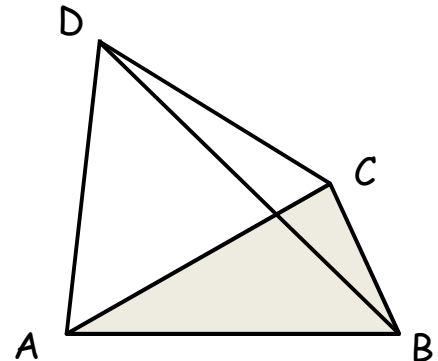
$$A \quad (11 \quad , \quad -3 \quad , \quad 1 \quad)$$

$$B \quad (15 \quad , \quad -5 \quad , \quad 1 \quad)$$

$$C \quad (-14 \quad , \quad -1 \quad , \quad 25 \quad)$$

$$D \quad (-10 \quad , \quad 1 \quad , \quad 21 \quad)$$

k What is the volume of the tetrahedron?



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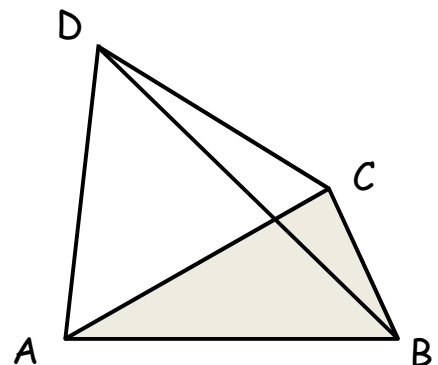
$$A \quad (-17 \quad , \quad 11 \quad , \quad 1 \quad)$$

$$B \quad (-13 \quad , \quad 9 \quad , \quad 1 \quad)$$

$$C \quad (-2 \quad , \quad 5 \quad , \quad 13 \quad)$$

$$D \quad (2 \quad , \quad 7 \quad , \quad 9 \quad)$$

l What is the volume of the tetrahedron?



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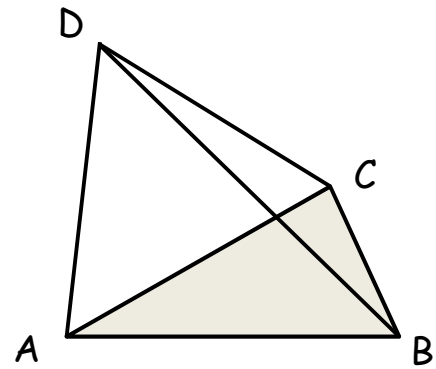
$$A \quad (11 \quad , \quad -3 \quad , \quad 1 \quad)$$

$$B \quad (15 \quad , \quad -5 \quad , \quad 1 \quad)$$

$$C \quad (-2 \quad , \quad 5 \quad , \quad 13 \quad)$$

$$D \quad (2 \quad , \quad 7 \quad , \quad 9 \quad)$$

m What is the volume of the tetrahedron?



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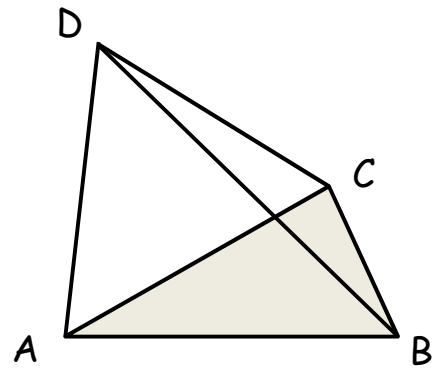
$$A \quad (-5 \quad , \quad 5 \quad , \quad 1 \quad)$$

$$B \quad (-1 \quad , \quad 3 \quad , \quad 1 \quad)$$

$$C \quad (6 \quad , \quad 9 \quad , \quad 5 \quad)$$

$$D \quad (10 \quad , \quad 11 \quad , \quad 1 \quad)$$

n What is the volume of the tetrahedron?



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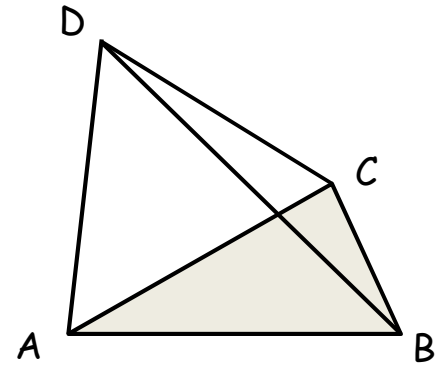
$$A \quad (-29 \quad , \quad 17 \quad , \quad 1 \quad)$$

$$B \quad (-25 \quad , \quad 15 \quad , \quad 1 \quad)$$

$$C \quad (-2 \quad , \quad 5 \quad , \quad 13 \quad)$$

$$D \quad (2 \quad , \quad 7 \quad , \quad 9 \quad)$$

o What is the volume of the tetrahedron?



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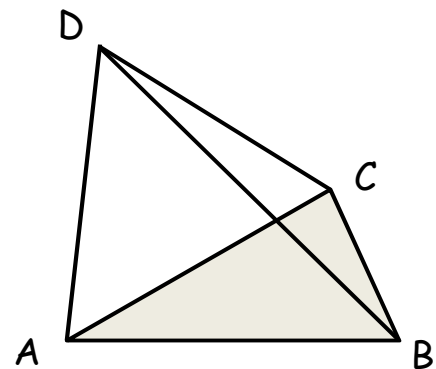
$$A \quad (21 \quad , \quad -8 \quad , \quad 1 \quad)$$

$$B \quad (25 \quad , \quad -10 \quad , \quad 1 \quad)$$

$$C \quad (-18 \quad , \quad -3 \quad , \quad 29 \quad)$$

$$D \quad (-14 \quad , \quad -1 \quad , \quad 25 \quad)$$

p What is the volume of the tetrahedron?



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