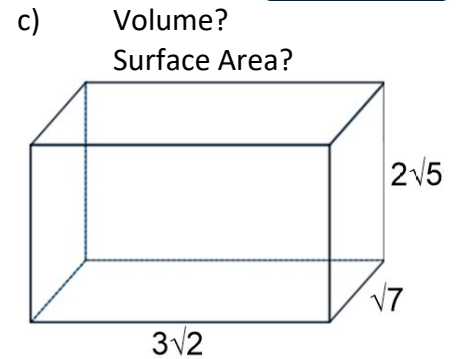
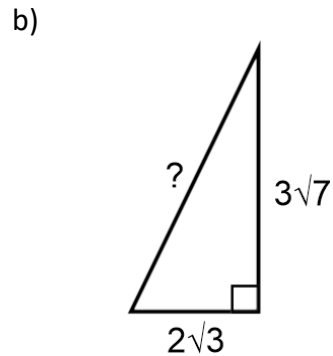


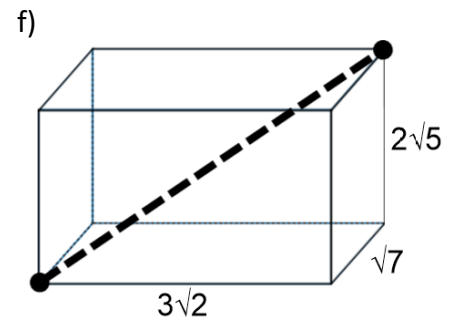
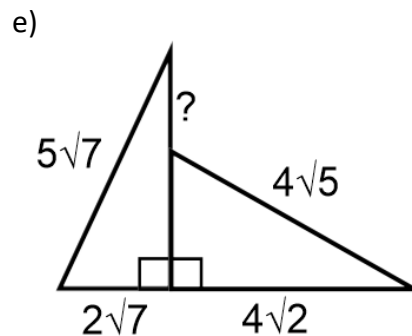
# Using Surds

Increasingly  
Difficult  
Exercises

- a) Calculate the area of a rectangle measuring  $4\sqrt{10}$  cm by  $5\sqrt{2}$  cm.



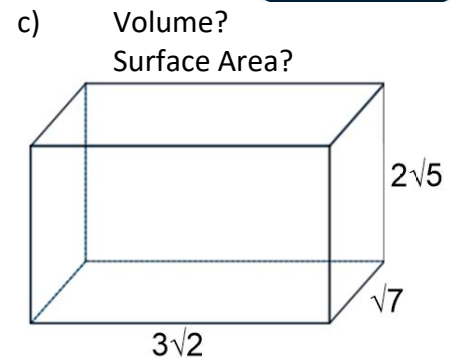
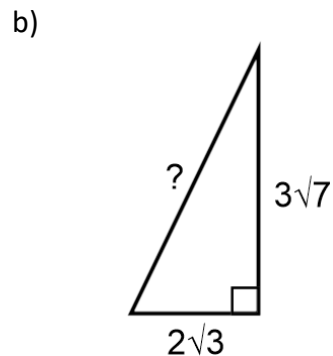
- d) The area of a triangle is  $10\sqrt{5}$  cm<sup>2</sup>. It is enlarged by a scale factor of  $3\sqrt{2}$ . What is the area of the enlarged triangle?



# Using Surds

Increasingly  
Difficult  
Exercises

- a) Calculate the area of a rectangle measuring  $4\sqrt{10}$  cm by  $5\sqrt{2}$  cm.



- d) The area of a triangle is  $10\sqrt{5}$  cm<sup>2</sup>. It is enlarged by a scale factor of  $3\sqrt{2}$ . What is the area of the enlarged triangle?

