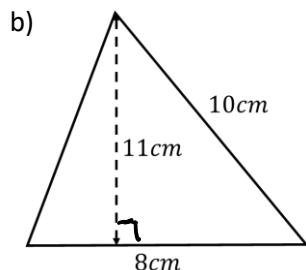
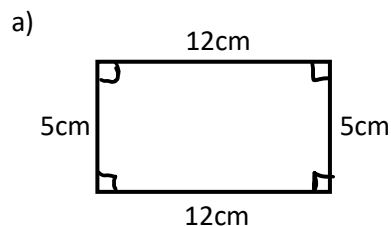
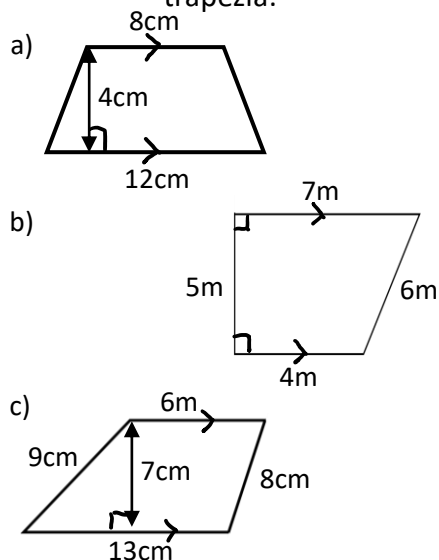


1. Factual recall

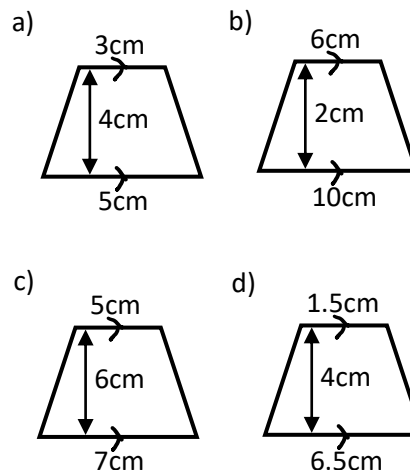
Find the areas of these shapes:

**2. Carry out a routine procedure**

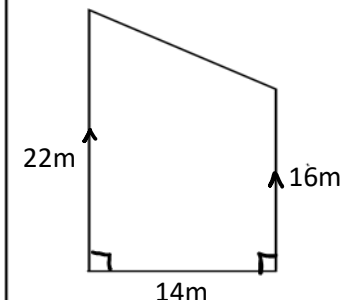
Find the area of the following trapezia:

**3. Classify some mathematical object**

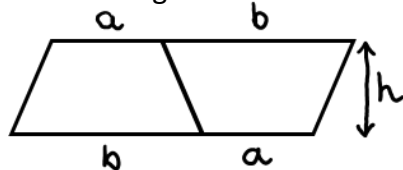
Which of the following trapezia have the same area?

**4. Interpret a situation or answer**

A grass lawn has the following shape, a box of grass feed spreads over an area of $40m^2$. At a cost of £4.99 per box, how much will it cost to feed the lawn.

**Areas of trapezia****5. Prove, show, justify**

Two identical trapeziums are arranged as follows.

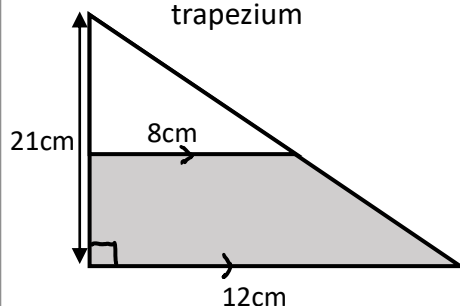


Using the above diagram, show that:

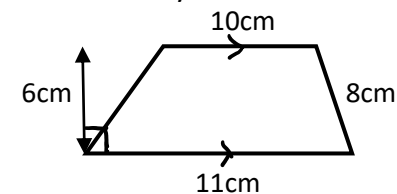
$$A_T = \frac{1}{2}(a + b)h$$

6. Extend a concept

Find the area of the shaded trapezium

**7. Construct an instance**Create a trapezium with an area of $35cm^2$ **8. Criticise a fallacy**

A student found the area of the following trapezium, find and amend any mistakes made.



$$\begin{aligned}
 A &= \frac{1}{2}(10+11) \times 8 \\
 &= 4 \times 21 \\
 &= 84cm^2
 \end{aligned}$$