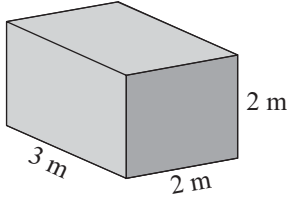


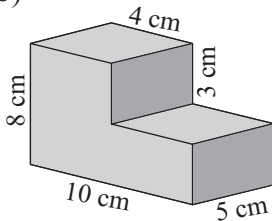
Name: _____

1. Find the **total surface area** of these objects.

(a)

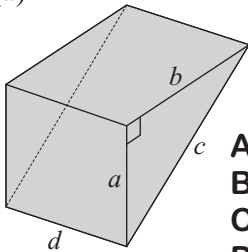


(b)



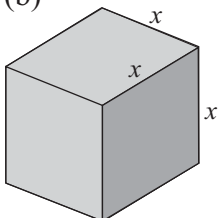
2. Select the correct formula for the **total surface area** of these two objects.

(a)



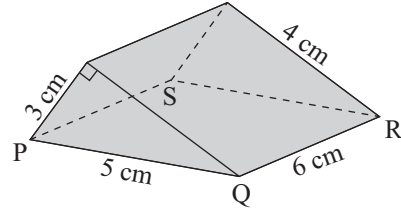
- A** $abcd$
B $ab + bd + cd$
C $2ab + bd + cd + ad$
D $ab + bd + ad + cd$

(b)

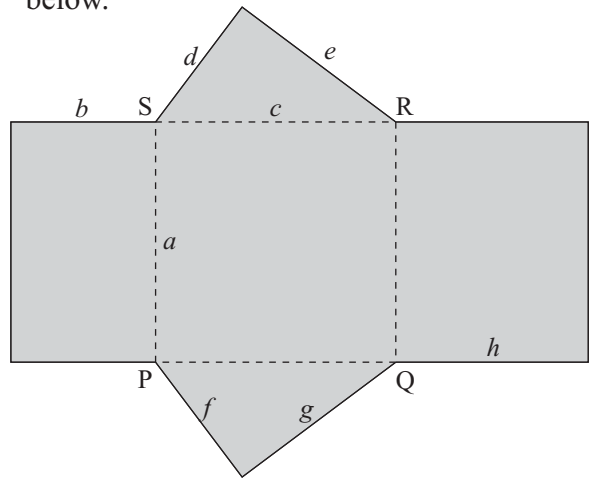


- A** $12x$
B $6x^2$
C x^3
D $3x^2$

3. Xavier wants to make this **triangular prism** from a piece of cardboard.



The **net** for this triangular prism is shown below.

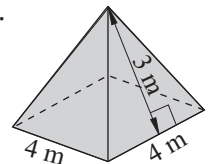


Complete this table giving the dimensions of the net for the cardboard cut-out. All dimensions are in centimetres.

a	b	c	d	e	f	g	h
6							

4. Meredith wants to make a tent in the shape of a **square based pyramid** as shown.

(a) Find the total **area** of canvas required to make the tent if the base is **not** included.



(b) If canvas costs \$35 per square metre find the total cost of the canvas.