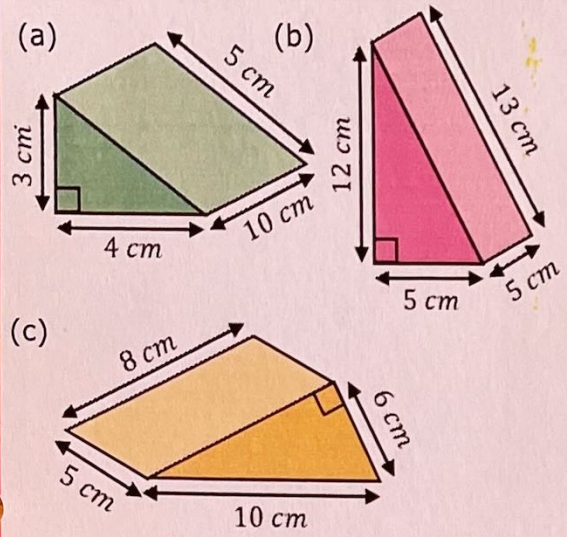
Surfaces Areas of Prisms

Find the surface area of each of these triangular prisms.

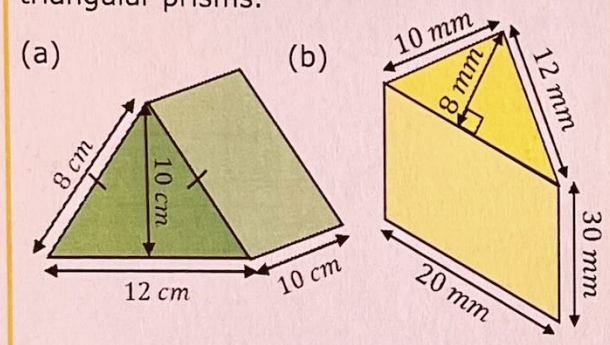


(a) $6+6+30+40+50$
$= 132\,cm^2$

(b) $30+30+25+60+65$
$= 210\,cm^2$

(c) $24+24+40+50+30$
$= 168\,cm^2$

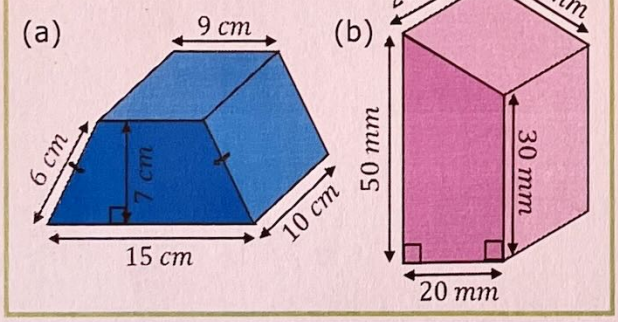
Find the surface area of each of these triangular prisms.



(a) $60+60+80+80+120$
$= 400\,cm^2$

(b) $80+80+600+360+300$
$= 1420\,mm^2$

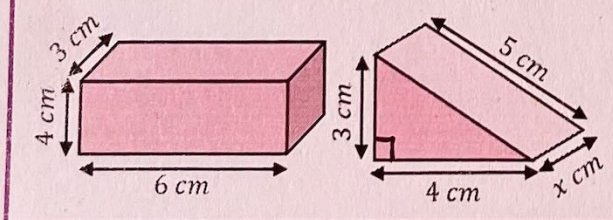
Find the surface areas of these trapezoidal prisms.



(a) $84+84+90+150+60+60$
$= 528\,cm^2$

(b) $800+800+400+600$
$+1000+480$
$= 4080\,mm^2$

These two 3D shapes have the same surface area. Find the missing length.



$108 = 6+6+3x+4x+5x$
$96 = 12x$
$x = 8\,cm$.