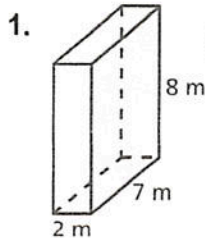
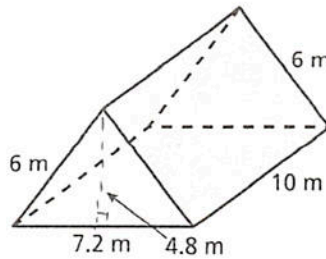


9.1

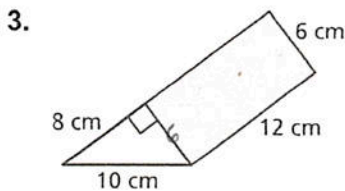
Find the surface area of the prism.



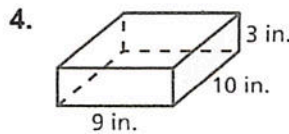
SA = $2LW + 2LH + 2WH$ 2.
 $2(2)(7) + 2(2)(8) + 2(7)(8)$
 $28 + 32 + 112$
172 m²



$2A \frac{(7.2)(4.8)}{2} \cdot 2 = 34.56$
 $\square 1 (7.2)(10) = 72$
 $\square 2 6(10) = 60$
 $\square 3 6(10) = 60$
 Total = 226.56 m²

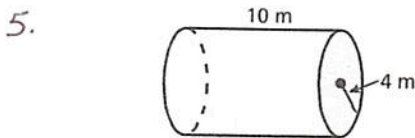


$2A \frac{6(8)}{2} \cdot 2 = 48$
 $\square 1 6(12) = 72$
 $\square 2 8(12) = 96$
 $\square 3 10(12) = 120$
336 cm²

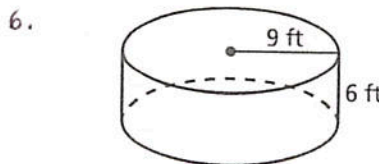


SA = $2(9)(10) + 2(9)(3) + 2(10)(3)$
 $180 + 54 + 60$
294 in²

Find the surface area of the cylinder. Round your answer to the nearest tenth.



SA = $2\pi r^2 + 2\pi rh$
 $2\pi(4)^2 + 2\pi(4)(10)$
 $100.5 + 251.3$
351.8 m²



SA = $2\pi(9)^2 + 2\pi(9)(6)$
 $508.9 + 339.3$
848.2 ft²