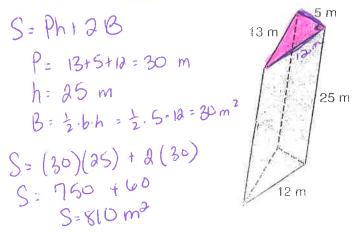
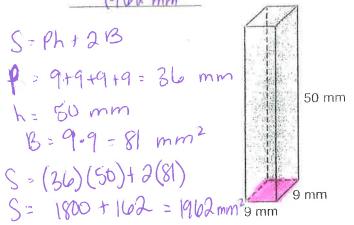
Surface Area – Prisms

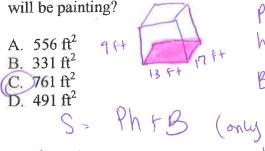
1. What is the surface area of the prism? 810 m2



2. What is the surface area of the prism? 1962 mm2



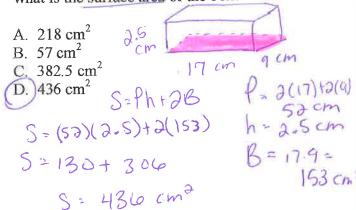
3. Paul is painting the living room of his house. He is going to paint all four walls and the ceiling (not the floor). If his living room is 17 feet long, 13 feet wide and has ceilings that are 9 feet high, what is the surface area that he P= 2(13)+2(17)= 60 f+



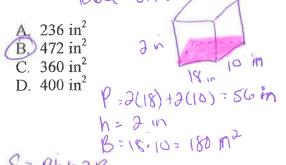
S= 540+221=761 F+2

PhtB (only 1 B b/C not painting floor)

4. A box has a length of 17 cm, a width of 9 cm and a height of 2.5 cm. In square centimeters, what is the surface area of the box?



5. Andrew wants to wrap a box that is 18 inches long, 10 inches wide and 2 inches tall. How many square inches of wrapping paper will he need? Total SA.



S = Ph + 2B $S = (S6)(2) + 2(180) = 112 + 360 = 472 \text{ m}^2$ 6. Abby makes boxes from sheets of tin. The boxes are rectangular prisms measuring 4 inches long, 6 inches wide and 6 inches tall. If tin costs \$.07 per square inch, what is the cost

