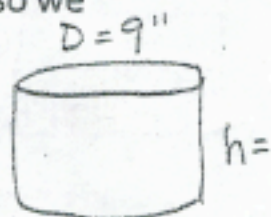
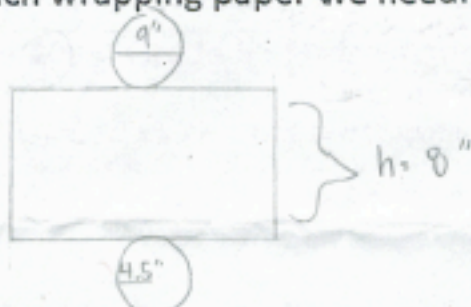


Cylinder Review

- 1) Gift wrap a Zippy's Barrel Container of Chili. Calculate surface area so we know how much wrapping paper we need.

Start with a net:



What is the formula? Calculate (you should have 5 "=" signs, formula being the first.) Don't forget the unit of measure.

$$SA = 2\pi r^2 + 2\pi r h$$
$$SA = (2 \times 3.14 \times r \times r) + (2 \times 3.14 \times r \times h)$$
$$SA = (2 \times 3.14 \times 4.5 \times 4.5) + (2 \times 3.14 \times 4.5 \times 8)$$

$$SA = 127.17 + 226.08$$

$$SA = 353.25 \text{ inches}^2$$

2

walmart kiddie swimming Pools need to be repainted on the outside. Calculate surface area to be repainted.



$$SA = 2\pi r h$$

$$SA = (2 \times 3.14 \times r \times h)$$

$$SA = (2 \times 3.14 \times 5 \times 2)$$

$$SA = 62.8 \text{ m}^2$$

$$SA = 111.3 \text{ m}^2$$

