* Name the 3-D figure that the net represents and find the surface area of the 3-D figure.
* Find the area of each shape in the net and add these areas together.
* Make sure that you write down any formula that you use and neatly show your work.

1. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Surface Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (include correct label)

All squares

3 in.

Real world example:

2. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Surface Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (include correct label)

Consider the 2 squares the bases.

13 cm

10 cm

10 cm

Real world example:

12 in.

3. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Surface Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (include correct label)

Bases are the 2 “flaps”

5 in.

6 in.

12 in.

Real world example:

4. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Surface Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (include correct label)



5 in.

5 in.

4 in.

5 in.

5 in.

22 in.

6 in.

Real world example:

5. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Surface Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (include correct label)

13 in.

12 in.

13 in.

13 in.

10 in.

13 in.

30 in.

6. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Surface Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (include correct label)

8 cm

40 cm

This # is the same as the CIRCUMFERENCE of the circle. Find C, use 3 for $π$.

Real world example:

7. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Surface Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (include correct label)

24 ft

This # is the same as the CIRCUMFERENCE of the circle. Find C, use 3 for $π$.

5 ft

Real world example:

8. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Surface Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

All 4 equilateral triangles are congruent.

 (include correct label)



7 m

8 m

Real world example:

9. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Surface Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (include correct label)

The base is a rectangle.



8 ft

9 ft

6 ft

7 ft

Real world example: