

**LESSON**

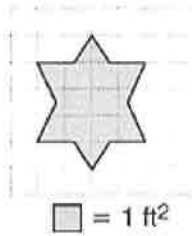
**Measurement and Geometry**

**3**

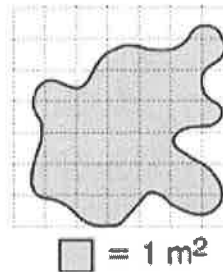
**Practice C: Area of Rectangles and Parallelograms**

Estimate the area of each figure.

1.

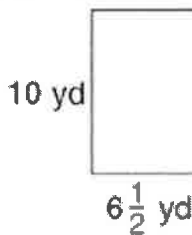


2.

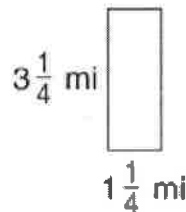


Find the area of each rectangle.

3.

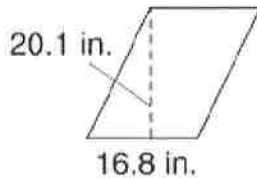


4.

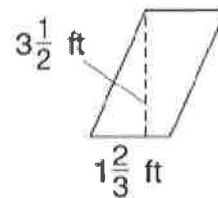


Find the area of each parallelogram.

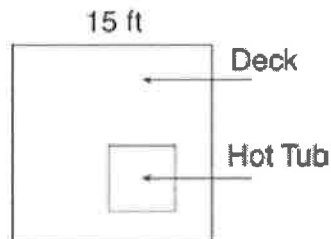
5.



6.



7. Denzel is building a square deck. On one side of the deck, he puts a smaller square hot tub. The hot tub is 5 ft long. What is the area of the deck?



8. A kite is in the shape of a parallelogram with a 4.5 cm base and a height of 7.9 cm. What is the area of the kite?

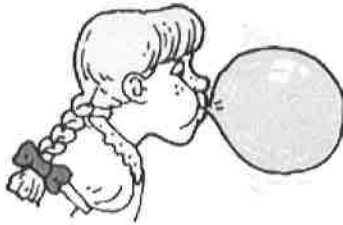
**LESSON**  
**3**

**Measurement and Geometry**

**Challenge: Chewing Gum Archaeology**

Archaeologists found the oldest piece of chewing gum in Sweden—it was 9,000 years old! The scientists studied the gum to learn about the people who may have made and chewed it. You can be a chewing gum archaeologist, too. How? When a standard-sized wad of chewed gum is stepped on, you can study the area of the flattened gum to find the weight of the person who squished it!

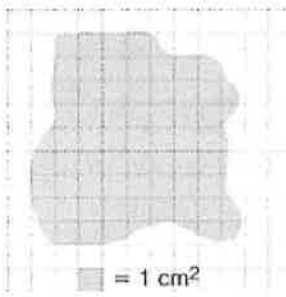
**Estimate the area covered by each flattened piece of gum below. Then use the table to find the gum squisher’s weight.**



*Bubble gum was invented in Pennsylvania in 1928.*

Estimated Area of Squished Gum	Estimated Weight of Gum Squisher
about 25 cm <sup>2</sup>	about 50 lb
about 50 cm <sup>2</sup>	about 100 lb
about 75 cm <sup>2</sup>	about 150 lb
about 100 cm <sup>2</sup>	about 200 lb

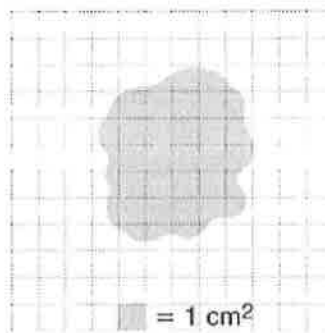
1.



Estimated Area:

Estimated Weight:

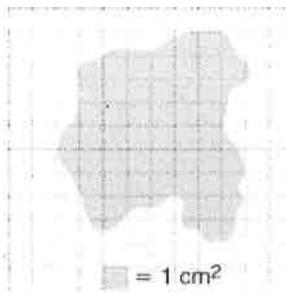
2.



Estimated Area:

Estimated Weight:

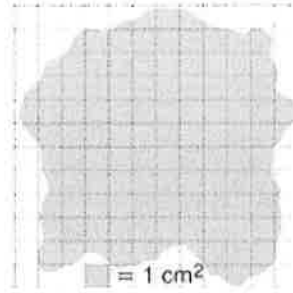
3.



Estimated Area:

Estimated Weight:

4.



Estimated Area:

Estimated Weight: