1. **SHOW** the reciprocal of 8 wholes and **EXPLAIN** how you get the reciprocal.

2. The table top below has a radius of 8 inches. Mr. Stone wants to decorate the table top with a floral cover. How many square inches will he need to cover the table top? *(Write the formula; then solve)*

8 inches
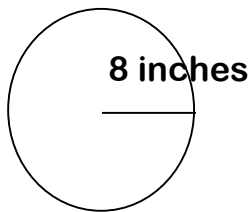
3. Brianna bought a 4 foot high fence to enclose her back yard. The yard's length is 15 feet and width is 25 feet. What length of fence would she need for the yard? *(Draw shape & write formula)*

A   1,500 feet
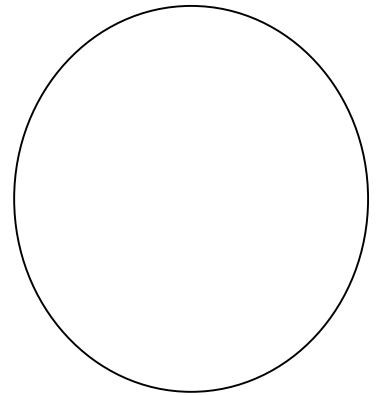
B   80 feet

C   40 feet

D   375 feet

4. Sam owns a boat rental company with 220 boats. He has 105 wood boats, 40 metal boats, and the rest are fiberglass. What is the ratio of metal boats to fiberglass boats? *(Show labels for ratios)*

A   105:40   C   145:220

B   40:75   D   75:220

5. Make a circle graph from the following data. *(Show FRACTIONS FIRST)*

Votes for MVP

Rogers   24

R. G. III   12

Brady   6

Brees   6

6. Bill worked 17 hours last week. This week he worked 20 hours. If he makes $7.50 per hour, how much money did he earn for both weeks? *(Show how you found money for both weeks)*

A $37.00   C $150.00

B $127.50   D $277.50

7. Find the **Volume** and **Surface area** of the figure below. *(Show formulas & solve)*

5 ft.

2 ft.

7 ft.