

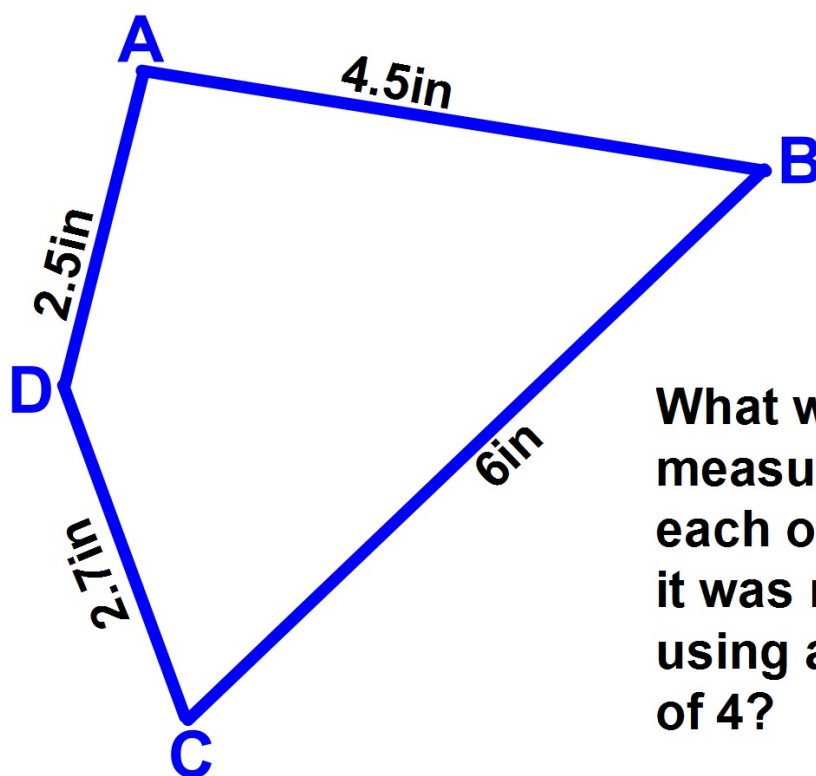


**The picture of the Washington Monument has a scale of
 $1\text{cm} = 37\text{ft}$**



The man in the picture is actually 6ft tall.

What is the actual diameter of the sinkhole?



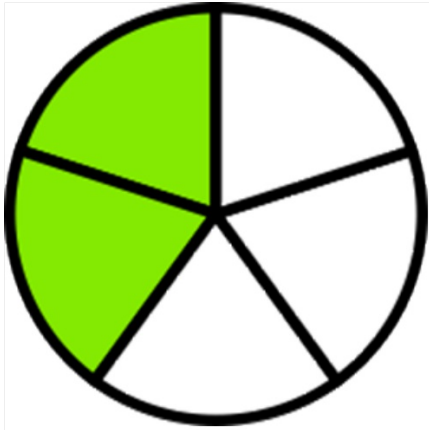
What would be the measurements of each of the sides if it was redrawn using a scale factor of 4?

9) A cow is tethered with a rope 20 m long. What is the maximum area the cow can graze?

Circumference he can walk. _____

Area = _____





The circle is equally divided into 5 sections. What is the area of the shaded sector if the radius is 10cm?



Ms. Dowgiallo put a new patio in her yard. She had to remove grass from the area to put in the patio. The diameter of the patio is 12 feet. What is the area of the grass that was removed?