# A circle has a diameter of 12 inches. what is the area of the shaded section. use 3.14 as pi. no a,b,c,d just an exact answer thanks

**Answer 1**
Answer:

**Answer:**

Area of shaded section is 113.04

**Step-by-step explanation:**

Area of circle is calculated by formula $A=\pi r^{(2)}$ .

where 'r' is radius.

here given diameter is 12 inches .

so radius is calculated as $r=(d)/(2)=(12)/(2)=6$

and value of $\pi$ is 3.14

**so, Area is** ;

$A=\pi r^{(2)}$

Put value of $\pi=3.14$ and $r=6$ inches

$A=3.14*6^{(2)}$

$A=3.14*36$

$A=113.04$

**Hence, area of shaded section is 113.04**

**Answer 2**
Answer: A = pi r ^2
A = 3.14(6^2)
A= 3.14 (36)
A = 113.04

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