

# Areas



21 Boom cards

Click [HERE](#) for a playable preview

## CIRCLES

In this series of BOOM cards, the student must calculate the total area of the yellow shaded area of each circle.

The cards start out simple but become progressively more challenging, with ever increasing sizes of circle dimensions.

The first card illustrates the formula for calculating the area of a circle. This deck contains 20 question cards, each of which depicts a unique circle, or multiples of circles, in various sizes for which the student must calculate the total area.

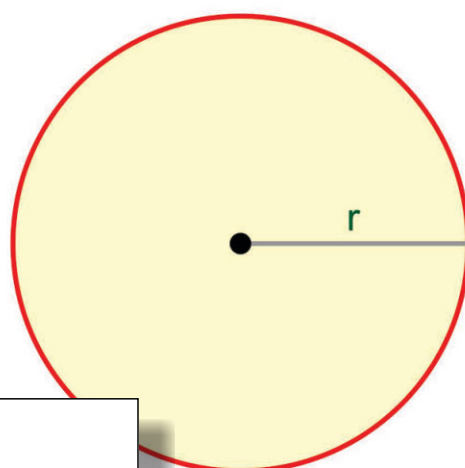
Decks in this series:

- Areas: RECTANGLES (64 question cards)
- Areas: RIGHT TRIANGLES (20 question cards)
- Areas: TRIANGLES (20 question cards)
- Areas: PARALLELOGRAMS (20 question cards)
- Areas: TRAPEZOIDS (20 question cards)
- Areas: CIRCLES (20 question cards)
- Areas: ELLIPSES (20 question cards)
- Areas: COMPLEX SHAPES (22 question cards)

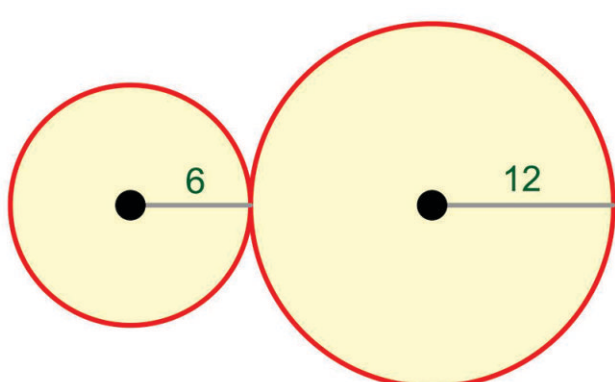
Multiple the radius of the circle squared by pi to get the area of a circle

Area  
of a  
Circle

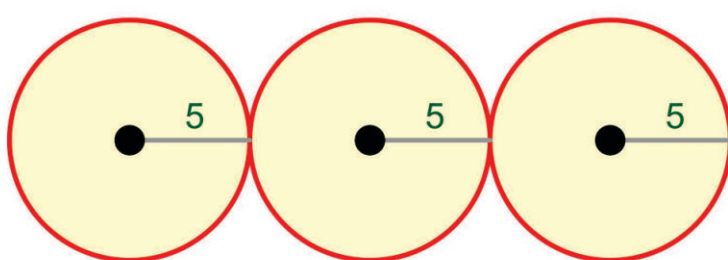
$$\pi r^2$$



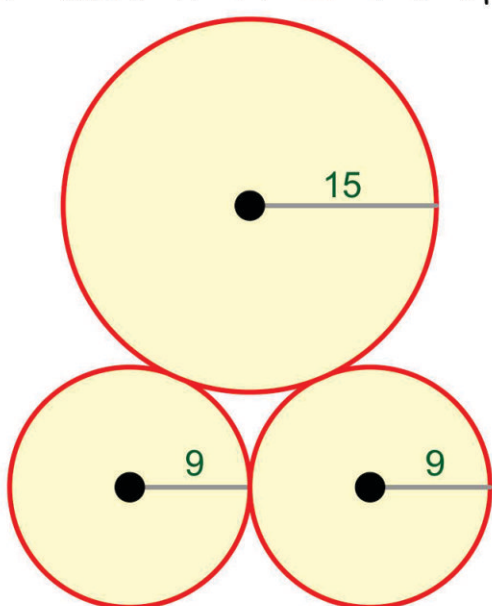
What is the total area of the yellow shaded area(s) in square units (correct to **two** decimal places)?



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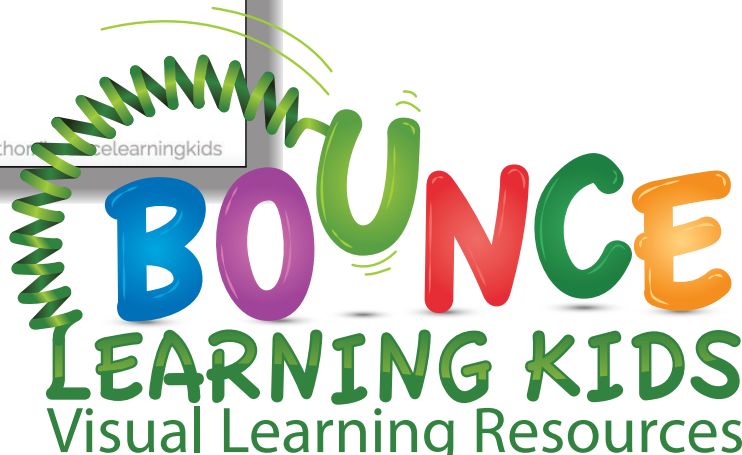
What is the total area of the yellow shaded area(s) in square units (correct to **two** decimal places)?



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You may be eligible for a free trial from Boom Learning. Read here for details:

<http://bit.ly/BoomTrial>. If you choose not to stay on a premium account after your free trial, you will still be able to assign all your Boom Cards to as many students as you see fit using Fast Play pins (which give instant feedback for decks that are self-grading).