

Name: _____

Lesson Guide

This lesson guide accompanies the following video lesson:

Which is More Pizza?

Which option gets you the most pizza?



Option A: One 18" Pizza

Option B: Two 12" Pizzas

Formula Reference

$$A = \pi r^2$$

where **r** is the radius

Option A:

One 18" Pizza



Total Area: _____

Option B:

Two 12" Pizzas



Total Area: _____

Conclusion

Which option gets you the most pizza and WHY?

Bonus Problem!

Your Turn! Which is the most pizza?



Two 16" Pizzas

OR



Six 10" Pizzas

Answer Key

1.) Which is More Pizza? Problem

Option A: Total Area: 254.3 square inches

Option B: Total Area: 226 square inches

Conclusion: Option A gets you more pizza!

2.) Bonus Problem

Option A: 402.1 square inches

Option B: 471.2 square inches

Conclusion: Option B gets you more pizza!