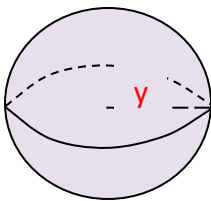
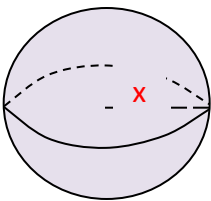
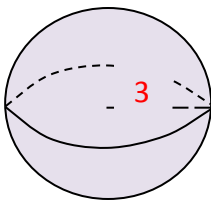


Find the surface area

Double the radius

Triple the radius



SA = _____

SA = _____

SA = _____

SA goes up by a factor of _____

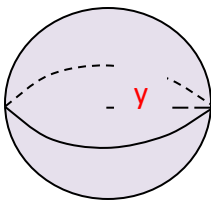
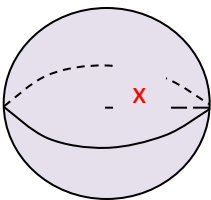
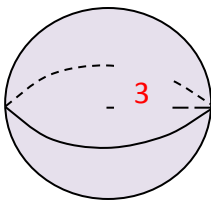
SA goes up by a factor of _____

SA goes up by a factor of _____

Find the Volume

Double the radius

Triple the radius



V = _____

V = _____

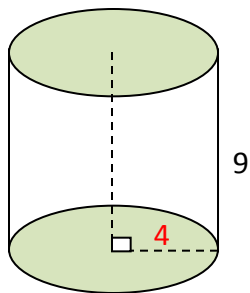
V = _____

Vol goes up by a factor of _____

Vol goes up by a factor of _____

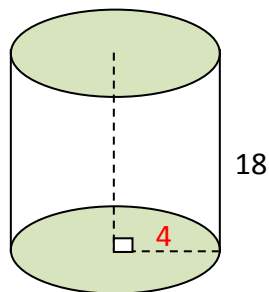
Vol goes up by a factor of _____

Find Surface Area and Volume:



Double the height

Find Surface Area and Volume:

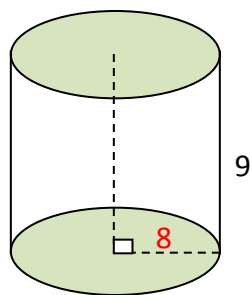


SA goes up by factor of ____

Vol goes up by factor of ____

Double the radius

Find Surface Area and Volume:

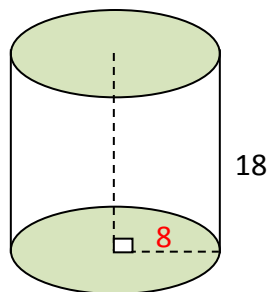


SA goes up by factor of ____

Vol goes up by factor of ____

Double both radius and height

Find Surface Area and Volume:



SA goes up by factor of ____

Vol goes up by factor of ____