NAME: Key		DATE:
	er sign the problem.	following Unit 7 review questions. After you've You can only work each person once before check your work!
1. Find the volume of the prism:	ne following triangular	2.Find the area of the circle below:
16 cm	20 cm	18 in
(16 cm x 12 cm)	2 cm X 10 cm =	Area= 254_341n ²
Did you check your wor Partner signature:	k? (y/n) Cm ³	Did you check your work? (y/n) Partner signature:
3. Rena is building a 1: real castle. Her model he that is 33 feet wide and What is the area of the castle in square feet?	nas a rectangular base 44 feet long. e base of the actual	4. Find the surface area of the following triangular prism:
1	164	6 cm 12 cm 12 cm Two triangles:
336+	,	7,920Fte Two triangles: (24cm) XZ (24cm)
× 180	× 5,940F	
Did you check your wor Partner signature:		Did you check your work? (y/n) × 12cm = 43cm Partner signature:
ce of base's	7,920	(240cm ³

1			
	5. Find the area of the semicircle if the radius is 10 cm.	6. Find the perimeter of the circle if the radius is 10 cm.	
		d=2.r	
	A= 3.14(10cm)(10cm)	d=2.10cm	
	$\int_{\text{cm}^2} = \left(157\right)$) C= 20cm - 3.14 = 62.8	3cm 2micircle)
Div	de by bic semicircle	Did you check your work? (y/n) + 20	
	Did you check your work? (y/n) Partner signature:	Did you check your work? (y/n)	m ol-40m
	7. Find the volume of the following composite figure:	Cabbedral of St. Andrew Weshington Q	70(1)
	4 cm	or St. Andrew South Boretanies st. Art Museum An Traver sharing Manual State Capitol Building Table and Andrew Washington Capitol Building Table and Andrew Washington Capitol Building Ca	
	Rectangular prism: (80m) (5cm) (6cm) 7240	The above map show a section of downtown Honolulu where the scale factor is 1cm: ½ of a mile. If the distance on paper between the State Art Museum and the Capitol Building is 3.5 cms, how far is the actual distance? ICM = 1/5 of amile	
	Triangular prism! 1 (8cm) (4cm) (5cm)= 80cm3	3.5cm = ?	
	Did you check your work? (y/n) 320cm ³ Partner signature:	3.5cm × = 0.7 of Did you check your work? (y/n) or = 10.7 of Partner signature:	amile
	9. What is the formula to find the area of a circle? Partner signature:	10. What is the formula to find volume? B x height Partner signature:	

11. Find the area of the following triangle: $\frac{1}{30}$ $\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{3}$	12. Find the <i>circumference</i> of the following circle: $C = CT$ $C = (18 in)(3.14)$ $C = 56.52$
Did you check your work? (y/n) Partner signature:	Did you check your work? (y/n) Partner signature:
13. In your own words, please describe surface between the two? When would it be important to important to find the volume of an object? Surface > measure of area of the total area of the surface the object.	of find surface area? When would it be Volume > Measure of the space an orsect takes up!
Importance: Wrapping an object, painting a Partner signature: Your, etc.	containers t
14. Create your own problem for your partner to partner's problem. Solve this partner of 2/0	o solve. Use the space below to solve your problem please! Come see o/2020 for the answer.
Find the areas	and circle:
Partner signature:Area=	
diameter	

radius =