	Dit Harras Duais at Nata Da aldat
	Pit House Project Note Booklet
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	Name:
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	Teacher:
	Block:
	Block.
	School Year:
	Note: Show ALL of your work because you will need to reference
	Note: Show ALL of your work because you will need to reference these calculations and notes throughout the project
	. ,
By: Banman, Bergeron, Bourdeau	

1. Measurement	Extra Notes to Self
Problems: 1) How many millimeters?	
2) How many centimeters?	
3) Draw a line that is 6.25 cm long using a ruler:	
4) What is the length in cm AND in mm of the following line?	

3. Area	8. Volume
Problems:	Problems:
1) What is the area of the following rectangle? 10 mm 34 mm 2) What is the area of the following square?	1) Find the volume of the rectangular prism:
9 cm	2) Find the volume of the cone:
3) What is the area of the following triangle?	20 m
2.5cm	3) Find the volume of the cylinder: 6 mm
4) What is the area of the following circle?	The state of the s

Not	9. Scale Factor - Extension	Not	2. Perimeter
P <u>ro</u>	blems:		
	Given the image below, what will be the new length and width of the rectangle if we use a scale factor of 3? 4cm 3cm What is the scale factor between these two images?		Find the perimeter of the rectangle: 2cm 7cm
	3 mm 1.5 mm 6 mm 8 mm	2	Find the perimeter of the triangle: 7 mm Ship Ship Ship Ship Ship Ship Ship Ship
	Find the missing side length: String G String G String H String G String G String H String G String H String G Strin	3	Find the perimeter of the circle: 11 cm

5. Pythagorean Theorem	6. Net Diagrams and 3D Views
	Problems:
Problems: 1) Find the missing hypotenuse: 9 40	1) Draw the net, top, side, and front view of the shape to the right using a ruler:
2) Find the missing side: 73 48	a) Net: Top:
	b) Side: Front:
Can you make a right angle triangle out of a triangle with sides 4, 5, and 3? Justify your answer using Pythagoras' Theorem:	
Downloaded from	Created by Monica Bergeron, Brenda Celesta, Ryan Bourdeau, and Lacey Banman

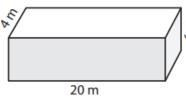
7. Surface Area

Notes:

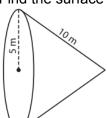
Problems:

Notes:

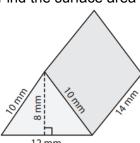
1) Find the surface area of the following rectangular prism:



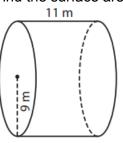
2) Find the surface area of the following cone:



3) Find the surface area of the triangular prism:



4) Find the surface area of the cylinder:



Problems:

1) Write the following squares in multiplication form:
a)
$$3^2 =$$

b)
$$9^2 =$$

c)
$$2.4^2 =$$

d)
$$13.1^2 =$$

2) Find the squares of the following numbers:

a)
$$2^2 =$$

c)
$$7.3^2 =$$

d)
$$11.7^2 =$$

3) Find the square root of the following numbers:

a)
$$\sqrt{64}$$
 =

b)
$$\sqrt{36}$$
 =

c)
$$\sqrt{2.56}$$
 =

d)
$$\sqrt{156.25}$$
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