Pythagorean Theorem	Name#
Review Sheet	DatePeriod
1.) Determine whether the side lengths below form a right triangle: 10 yd, 15 yd, 20 yd	2.) Determine whether the side lengths below form a right triangle: 21 in, 35 in, 28 in
3.) Find the length of the missing side. Round to the nearest tenth if necessary. 8 in. c in. 7 in.	4.) Find the length of the missing side. Round to the nearest tenth if necessary. $10 \text{ m} \cdot 5 \text{ m}$ a m
5.) Find the length of the missing side. Round to the nearest tenth if necessary. 3 cm 3 cm 11 cm	6.) Find the length of the missing side. Round to the nearest tenth if necessary. 18 ft c ft 15 ft
7.) The base of a ten-foot ladder stands six feet from a house. How many feet up the side of the house does the ladder reach? 10 ft 6 ft	8.) How wide is the pond? Round to the nearest tenth if necessary. 95 ft 120 ft w ft

9.)	10.)
Graph (-3, 4) and (1, 3). Then use the Pythagorean	Graph (-5, 1) and (2, 4). Then use the Pythagorean
Theorem to find the distance between the points. Round	Theorem to find the distance between the points. Round
to the nearest tenth if necessary.	to the nearest tenth if necessary.
9	9
7	7
6	6
5	5
3	3
2	2
$ ^{1} $	
-2	-2
-4	
-5	-5
-6	-6
-8	
-9	-9
11)	12)
11.)	IZ.)
(5, 6) and $(8, 4)$. Bound to the parent tonth if	(1, 7) and $(2, 4)$. Bound to the paraset to the is
	(1, 7) and (-2, -4). Round to the hearest tenth in
liecessaly.	necessary.