## **Surface Area of a Cone**

Name:		the problems.	Date:
Find the surface area	a of a circular cone whos	e height is 6cm and sl	ant height is 8cm.
	cone whose surface area		t 5m.
Find the surface area	a of a cone whose height	is 8cm and slant heig	ht is 10cm.
	area of a cone having th		s 9in and the height of the co
	of the cone, if the radius		nd slant height is 18cm?
Find the radius of a c	cone whose surface area	is 440.67cm <sup>2</sup> and hei	ght 11cm.
Find the height of a c	cone having the surface a	urea of 714.87in² and	the radius of the cone is 9in?
Calculate the height o	of a cone whose surface	area is 706.13cm², ra	dius 9.5cm.
Find the surface area	a of a cone having the rac	lius of the base as 12.	9m and the height of the cone
Find the height of a c 492.87cm <sup>2</sup> ?	cone having the radius of	the base as 7.6cm an	d the surface area of a cone is

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Name:		Date:
	Solve the problems.	
Find the surfa	ce area of a circular cone whose height is 6cm and slan	t height is 8cm.
220.85 ≈ 2	221 cm <sup>2</sup>	
Find the radiu	is of a cone whose surface area is 100.9m <sup>2</sup> and height 5	m.
3.4 ≈ 3 m		
Find the surfa	ce area of a cone whose height is 8cm and slant height	is 10cm.
301.59 ≈ 3	302 cm <sup>2</sup>	
Calculate the s is 13in?	surface area of a cone having the radius of the base as 9	in and the height of the co
701.53 ≈ 7	702 in <sup>2</sup>	
Calculate the l	height of the cone, if the radius of the cone is 10cm and	slant height is 18cm?
14.96 ≈ 15	5 cm	
Find the radiu	us of a cone whose surface area is 440.67cm <sup>2</sup> and height	t 11cm.
7cm		
Find the heigh	nt of a cone having the surface area of 714.87in <sup>2</sup> and the	e radius of the cone is 9in?
13.57 ≈ 1 <sup>4</sup>	4 in	
Calculate the l	height of a cone whose surface area is 706.13cm <sup>2</sup> , radiu	ıs 9.5cm.
10.5cm		
Find the surfa 15.6m?	ce area of a cone having the radius of the base as 12.9m	n and the height of the cone
1343.16 ≈	≈ 1343 m²	
Find the heigh 492.87cm <sup>2</sup> ?	nt of a cone having the radius of the base as 7.6cm and t	the surface area of a cone is
10.6 ≈ 11	. cm	