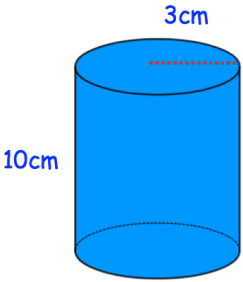


Name: \_\_\_\_\_

April 29	5-a-day	Higher
$2x^3 = 250$  Find x	Write 150 as a product of primes.	
Solve $a^2 - 14a + 49 = 0$		
 <p>A blue cylinder is shown. The radius of the top circular face is labeled as 3cm. The height of the cylinder is labeled as 10cm.</p>	Calculate the volume of the cylinder.	
There are 10 sweets in a bag.  4 are strawberry 5 are lemon 1 is chocolate  Two sweets are chosen at random	What is the probability both sweets are the different?	
The cost of a trip, c, varies directly to the square root of the number of miles, m.  The cost of a 100 mile trip is £50.	What is the cost of a 400 mile trip?	