

Student Name:

Pre-Algebra Second-Semester Review Assignment

What do you get when you divide the circumference of a nectarine by its diameter?

904	733	754	6	5		904	33

Each of the problems below are from your Pre-Algebra 10.36.M Practice Exam. Solve the problems. **You must show your work to receive credit!** Write the letter that corresponds with each answer in the boxes above.

Question 12) Find the slope of the line that contains $(-3, -3)$ and $(-4, -8)$.	H	Question 18) Find the area of a circle with a diameter of 31. Use 3.14 for π and round the answer to the nearest <u>whole number</u> .	A
Question 21) Suppose the hypotenuse of a right triangle is 8 cm, and one of the legs is 5 cm. Use the Pythagorean theorem to find the measure of the triangle's other leg. Round the measure to the nearest <u>whole number</u> .	C	Question 23) Find the volume of a cone with a radius of 10 and a height of 7. Use 3.14 for π and round the answer to the nearest <u>whole number</u> .	E
Question 26) Find the volume of a sphere with a radius of 6. Use 3.14 for π and round the answer to the nearest <u>whole number</u> .	P	Question 47) If you roll a standard number cube 65 times, how many times do you expect the cube to show an even number? Round the measure to the nearest <u>whole number</u> .	I

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Prealgebra with Nolting Fourth Edition, Custom Publication Richard N. Aufmann, 2006-05 **CliffsTestPrep California**
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