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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Практикум по теме: "Комбинированные стереометрические задачи на применение свойств цилиндра и скрещивающихся прямых"  Отчет о проделанной на уроке работе ученика (цы) 11 класса       |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 1.Отметьте знаком « + » верные определения | | | | | | | | | | | Две прямые, не лежащие в одной плоскости называются скрещивающимися. | | Расстояние между двумя скрещивающихся прямыми равно длине отрезка их общего перпендикуляра. | | | | Углом между скрещивающимися прямыми называется угол между пересекающимися прямыми, соответственно параллельными данным скрещивающимся. | | | | |  | |  | | | |  | | | | | 2.Отметьте знаком « + » верный ответ | | | | | | | | | | | Расстояние между параллельными плоскости α и β равно7, а расстояние между прямой a, принадлежащей α, и прямой b принадлежащей β , равно8. Каким может быть расположение прямых a и b. | | | | | | | | | | | Параллельны или скрещиваются | | | | | Параллельны | | | Скрещиваются | | |  | | | | |  | | |  | | | 3.Отметьте знаком « + » определение соответствующее рисунку | | | | | | | | | | | C:\Documents and Settings\1\Рабочий стол\img296.jpg  Рисунок5 | Две прямые AB и CD, не лежащие в одной плоскости называются скрещивающимися. | | | | | | | |  | | Если прямая AB лежит в некоторой плоскости, а прямая CD пересекает эту плоскость в точке, не лежащей на AB, то прямые AB и CD скрещиваются. | | | | | | | |  | | Расстояние между двумя прямыми AB и CD равно расстоянию от любой точки одной из этих прямых до плоскости, проходящей через вторую прямую параллельно первой, или расстоянию между параллельными плоскостями , содержащими эти прямые | | | | | | | |  | | 4.Отметьте знаком « + »верное утверждение | | | | | | | | | | | Цилиндром называется тело, полученное при вращении ... | | | | | | | | | | | трапеции вокруг одного из оснований. | | | ромба вокруг одной из диагоналей. | | | | | прямоугольника вокруг одной из сторон. | | |  | | |  | | | | |  | | | 5.Отметьте знаком « + » верный ответ на вопрос | | | | | | | | | | | Какой фигурой может являться сечение цилиндра плоскостью, параллельной его оси вращения? | | | | | | | | | | | кругом | | | | трапецией | | | прямоугольник | | | |  | | | |  | | |  | | | | 6.Отметьте знаком « + » задачу, обратную задаче №1 | | | | | | | | | | | Концы отрезка AB лежат на окружностях оснований цилиндра. | | | | | | | | |  | | Радиус основания цилиндра равен 7, высота равна 4. Отрезки AB и CD – диаметры одного из оснований цилиндра, BC= | | | | | | | | |  | | Высота цилиндра равна радиусу основания. Концы отрезкаAC, не являются образующей цилиндра,лежат на окружностях оснований цилиндра. Расстояние между осью цилиндра и параллельной ей плоскостью, проходящей через точки A и C, равно 3. Найдите градусную меру угла между прямой AC и плоскостью основания цилиндра,если радиус основания равен 6. | | | | | | | | |  |     Каждый знак «+» это 1 балл. Итого \_\_\_\_\_\_\_\_\_\_\_\_\_\_ баллов. | |   *6*. Подведение итогов: учитель отмечает успехи учащихся, консультирует по домашнему заданию (2мин). |