Эксцесс неопределенно заданной случайной величины

Известна дисперсия монотонной случайной величины X и закон ее распределения. Найти эксцесс $\varepsilon_k = \mu_4/\sigma_4 - 3$.

Задача 34.1. *Азин Андрей* $X = 3, 9, 12, 20, a, 38, 45$ $n = 4, 35, 45, 36, 27, 14, 2$ $D(X) = 96.9531$	**Задача 34.2.** *Арефин Максим* $X = 7, 12, 16, 23, 31, a, 47$ $n = 10, 32, 46, 37, 24, 13, 2$ $D(X) = 87.0893$
Задача 34.3. *Булгакова Анна* $X = 7, 13, a, 23, 32, 38, 45$ $n = 10, 37, 43, 34, 25, 13, 2$ $D(X) = 82.0959$	**Задача 34.4.** *Быкова Евгения* $X = 7, 13, 20, 28, 34, a, 50$ $n = 10, 38, 46, 37, 27, 11, 2$ $D(X) = 98.1779$
Задача 34.5. *Викторов Александр* $X = 3, a, 11, 16, 21, 31, 38$ $n = 4, 35, 42, 32, 23, 15, 2$ $D(X) = 68.1498$	**Задача 34.6.** *Вольнов Кирилл* $X = 6, 9, 13, 20, 29, a, 43$ $n = 4, 36, 49, 35, 27, 13, 2$ $D(X) = 81.8014$
Задача 34.7. *Гречко Даниил* $X = a, 9, 12, 19, 24, 34, 41$ $n = 4, 35, 44, 32, 23, 15, 2$ $D(X) = 70.0706$	**Задача 34.8.** *Ермаков Данила* $X = 3, 9, 12, 17, 23, a, 37$ $n = 5, 34, 40, 35, 25, 14, 2$ $D(X) = 51.8422$
Задача 34.9. *Захаренков Иван* $X = 7, 13, a, 27, 35, 44, 51$ $n = 10, 35, 47, 34, 24, 12, 2$ $D(X) = 105.5061$	**Задача 34.10.** *Малагин Даниил* $X = a, 13, 19, 27, 36, 45, 52$ $n = 9, 36, 45, 39, 26, 13, 2$ $D(X) = 114.5676$
Задача 34.11. *Мартынов Антон* $X = 6, 9, 13, 20, 25, a, 41$ $n = 5, 34, 46, 36, 23, 12, 2$ $D(X) = 62.8235$	**Задача 34.12.** *Махмутов Валентин* $X = 4, 6, a, 14, 22, 28, 35$ $n = 8, 32, 43, 35, 24, 13, 2$ $D(X) = 55.8785$

Задача 34.13. *Мелешко Павел*
$X = 7, 13, 19, 26, a, 38, 45$
$n = 8, 37, 46, 32, 22, 10, 2$
$D(X) = 73.4540$

Задача 34.14. *Мохамед Али*
$X = 7, 10, 16, a, 30, 37, 44$
$n = 8, 34, 42, 35, 24, 14, 2$
$D(X) = 82.0166$

Задача 34.15. *Сионов Павел*
$X = 3, 5, 11, 15, a, 30, 37$
$n = 4, 34, 42, 32, 23, 15, 2$
$D(X) = 61.6537$

Задача 34.16. *Соколов Константин*
$X = 3, 6, a, 16, 24, 31, 38$
$n = 3, 34, 42, 34, 23, 14, 2$
$D(X) = 73.6295$

Задача 34.17. *Хохлов Александр*
$X = 4, 10, 16, a, 29, 36, 43$
$n = 8, 37, 43, 36, 23, 14, 2$
$D(X) = 77.9907$

Задача 34.18. *Новиков Станислав*
$X = 4, 9, 13, 21, a, 36, 43$
$n = 9, 34, 48, 36, 23, 15, 2$
$D(X) = 89.4282$