

6.3 Multiply Polynomials

173. $4w + 40$

175. $-3a - 21$

177. $2x - 14$

179. $-3k + 12$

181. $q^2 + 5q$

183. $-b^2 - 9b$

185. $-x^2 + 10$

187. $24r^2 + 6rs$

189. $12x^2 - 120x$

191. $-27a^2 - 45a$

193. $3p^2 + 30p + 75$

195. $-8x^3 - 16x^2 + 120x$

197. $5q^6 - 10q^4 + 30q^3$

199. $-8y^3 - 16y^2 + 120y$

201. $5q^5 - 10q^4 + 30q^3$

203. $-12z^4 - 48z^3 + 4z^2$

205. $2m^2 - 9m$

207. $8w - 48$

209. $4x + 40$

211. $15r - 360$

213. $-3m - 33$

215. $-8z + 40$

217. $u^2 + 5u$

219. $n^3 - 3n^2$

221. $24x^2 + 6xy$

223. $55p^2 - 25pq$

225. $3v^2 + 30v + 75$

227. $8n^3 - 8n^2 + 2n$

229. $-8y^3 - 16y^2 + 120y$

231. $5q^5 - 10q^4 + 30q^3$

233. $-12z^4 - 48z^3 + 4z^2$

235. $18y^2 - 9y$

237. $w^2 + 12w + 35$

239. $p^2 + 7p - 44$

241. $x^2 + 11x + 24$

243. $y^2 - 8y + 12$

245. $w^2 + 3w - 28$

247. $p^2 + 7p - 60$

249. $6p^2 + 11p + 5$

251. $20t^2 - 88t - 9$

253. $15x^2 - 3xy - 30x + 6y$

255. $2a^2 + 5ab + 3b^2$

257. $4z^2 - 24z - zy + 6y$

259. $x^3 + 2x^2 + 3x + 6$

261. $x^4 + 3x^2 - 40$

263. $10a^2b^2 + 13ab - 3$

265. $24p^2q^2 - 42pq + 15$

267. $x^3 + 9x^2 + 23x + 15$

269. $4y^3 + 33y^2 + y - 56$

271. $w^3 - 16w^2 + 73w - 70$

273. $3q^3 - 11q^2 - 19q - 5$

275. $14y - 13$

277. $-11x - 28$

279. $15q^3 - 30q^2 + 55q$

281. $s^2 + 2s - 63$

283. $y^3 - y^2 - 2y$

285. $3n^3 - n^2 - 25n + 28$

287. $49p^2 - 100$

289. $4m^4 - 3m^3 - 7m^2$

291. $25a^2 + 70ab + 49b^2$

293. $16y^2 - 144z^2$

295. (a) 306 (b) 306 (c) Answers will vary.

297. Answers will vary.

299. Answers may vary.

301. Answers may vary.