

c. 1,073,741,823

d. 1,037,417

247. A rubber ball is made to fall from a height of 50 feet and is observed to rebound $\frac{2}{3}$ of the distance it falls. How far will the ball travel before coming to rest if the ball continues to fall in this manner?

a. 100 feet

b. 125 feet

c. 150 feet

d. 175 feet

248. What is the fraction in lowest term equivalent to 0.133133133?

a. 133/666

b. 133/777

c. 133/888

d. 133/999

249. Find the sum of the infinite geometric progression 6, -2, $\frac{2}{3}$...

a. $\frac{9}{2}$

b. $\frac{5}{2}$

c. $\frac{7}{2}$

d. $\frac{11}{2}$

250. Find the sum of 1, $-\frac{1}{5}$, $\frac{1}{25}$...

a. $\frac{5}{6}$

b. $\frac{2}{3}$

c. 0.84

d. 0.72

Below are the answers key for the Multiple Choice Questions in Algebra and General Mathematics Part 5.

201. c. 16

202. c. 675

203. d. 48

204. c. 37.5%

205. b. 16

206. c. P 357

207. c. P 4,200

208. d. 600

209. a. 16

210. a. $(a+b)\sqrt{2}$

211. a. 114

212. c. 305.9 ft

213. a. 17

214. d. 91

215. c. 50

216. d. 14

217. a. 1030

218. c. 639

219. a. 171

220. a. 72

221. b. 16

222. c. 60

223. a. 2

224. a. P73.50

Preview from Notesale.co.uk
Page 7 of 8