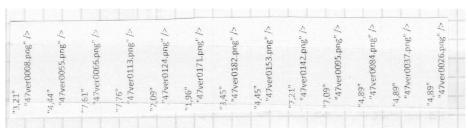
- **1**.Вероятность попадания в цель при первом выстреле 0,2, при втором 0,3, при третьем 0,6. Вероятность поражения цели при одном попадании 0,3, при двух 0,4, при трех 0,9.Найти вероятность поражения цели при трех выстрелах. 0,2796
- **2**. 3 5 8; 3 4 9. 0,394 **3**. 2 5 8; 2 4 8. 0,316 **4**. 2 4 7; 2 3 4. 0,2156 **5**. 5 7 8; 3 6 9. 0,6 **6**. 4 5 7; 5 6 9. 0,552 **7**. 3 4 8; 6 7 9. 0,6176 **8**.2 6 9; 2 3 8. 0,31 **9**. 2 4 9; 2 3 4. 0,2452 **10**. 5 6 8; 3 4 5. 0,382 **11**. 4 6 7; 2 3 9. 0,3468 **12**. 2 4 5;2 4 6. 0,22 **13**. 6 7 8; 2 3 9. 0,4756 **14**. 3 7 9; 1 2 8. 0,2845 **15**. 4 7 9; 2 3 8. 0,399 **16**. 3 4 6; 2 3 6. 0,2276
- **2.** Вероятность, что каждый из 5 имеющихся приборов включен, равна 0,4. Найти вероятность того, что в данный момент времени включены 4 прибора. 0,13824
- **2**. 5 0,8 3. 0,2048 **3**. 6 0,2 4. 0,01536 **4**. 6 0,6 3. 0,27648 **5**. 6 0,8 4. 0,24576 **6**. 5 0,4 3. 0,2304
- **7**. 5 0,2 3. 0,0512 **8**. 5 0,7 3. 0,3087 **9**. 5 0,6 3. 0,3456 **10**. 5 0,9 3. 0,0729 **11**. 6 0,4 3. 0,27648
- **3.** В партии из 36 изделий 3 нестандартных. Найти вероятность того, что 2 из 4х наудачу взятых изделий окажутся стандартными. 0,026890756 **2**. 22 13 3 5. 0,248803827 **3**. 38 10 2 4. 0,230440967
- **4**. 52 16 3 4. 0,421978021 **5**. 25 12 2 4. 0,406956521 **6**. 28 7 2 5. 0,074783624 **7**. 25 18 3 5. 0,100790513
- **8**. 32 15 2 4. 0,397107897 **9**. 26 11 2 4. 0,386287625 **10**. 27 12 3 5. 0,371980676 **11**. 35 5 3 4. 0,387700534
- **4.** В первой корзине 2 яблока и 6 лимонов, во второй 8 яблок 3 лимона. Из первой корзины во вторую переложили 7 фруктов. 0,54166666
- **2**. 4 5 8 6. 8. 0,47474747 **3**. 3 9 5 8. 11. 0,322916666 **4**. 6 7 8 2. 12. 0,384615384 **5**. 3 4 5 2. 6. 0,582417582 **5**. 6 4 3 5. 9. 0,505882352 **6**. 6 3 8 7. 8. 0,579710144 **7**. 5 8 3 7. 12. 0,653846153 **8**. 2 4 8 3. 5. 0,60416 **9**. 6 3 7 8. 8. 0,463768 **10**. 4 2 8 5. 5. 0,629629629 **11**. 7 6 4 8. 12. 0,564102 **12**. 2 8 9 4. 9. 0, 49090909 **13**. 8 4 5 7. 11.
- 0,46376811 **14.** 6 2 7 5. 7. 0,644736842 **15.** 3 9 4 5. 11. 0,6625 **16.** 8 3 5 9. 10. 0,511363636
- <u>5.</u> Известно, что из ста деталей... 10 40 1. 0,142857 **2.** 26 13 2. 0,298387 **3.** 16 35 1. 0,261306 **4.** 36 15 -. 0,238805 **5.** 23 12 1. 0,686567 **6.** 14 25 2. 0,671875 **7.** 40 10 1. 0,857142 **8.** 30 15 2. 0,29166 **9.** 19 38 1. 0,276785 **10.** 25 36 2.
- 0,627906 **11**. 12 35 1. 0,202072 **12.** 40 18 2. 0,247706 **13.** 15 30 1. 0,29166 **14.** 28 15 2. 0,312138 **15.** 37 25 1.
- 0,637931 **16.** 35 14 2. 0,232142 **17.** 10 30 1. 0,205882 **18.** 20 36 2. 0,692307 **19.** 12 25 1. 0,290322 **20.** 25 39 2.
- 0,657303 **21.** 18 30 1. 0,338709 **22.** 40 25 2. 0,33333 **23.** 25 12 1. 0,709677 **24.** 28 10 2. 0,222222 **25.** 15 40 1.
- 0,209302 **26.** 13 25 2. 0,690476 **27.** 14 35 1. 0,232142 **28.** 40 14 2. 0,196261 **29.** 36 25 1. 0,627906 **30.** 35 20 2.
- 0,317073 **31.** 30 10 1. 0,794117 **32.** 38 25 2. 0,3522727 **33.** 33 20 1. 0,663316

#### Дисперсия:



Случайная величина х может принимать 2 значения:

6,818181818		47ver0135.png" />	47ver0136.png" />	47ver0137.png" />	47ver0138.png" />	",568181818	47ver0146.png" />	47ver0147.png" />	47ver0148.png" />	47ver0149.png" />	"2,94117647	47ver0157.png" />	47ver0158.png" />	47ver0159.png" />	47ver0160.png" />	"3 428571428	47ver0164.png" />	47ver01.65.png" />		47ver0167.png" />	"2,8125	47ver0175.png" />	47ver0176.png" />	47ver0177.png" />	47ver0178.png" />	"2,857142857	47ver0186.png" />	47ver0187.png" />	47ver0188.png" />	47ver0189.png" />				
				4/ver00/3.png"/>	"3,4375	47ver0077,png" />	47ver0078.png" />	47ver0079.png" />	47ver0080.png" />	"2,34375	47ver0088.png" />	47ver0089.png" />	47ver0090.png" />	47ver0091.png" />	",641025641	47ver0099.png" />	47ver0100.png" />	47ver0101 png" />	47ver0102.png" />	"1,315789473	47ver0106.png" />	47ver0107.png" />	47ver0108.png" />	47ver0109.png" />	"5,83333333	47ver0117,png" />	47ver0118.png" />		47ver0120.png" />	"3,888888888	47ver01.28.png" />	47ver0129.png" />	47ver01.30.png" />	47ver0131.png" />
47ver0001tpng" />	47ver0002.png" />	47ver0003.png" />	47ver0004.png" />		"5,357142857	47ver0012.png" />	47ver0013.png" />	47ver0014.png" />	47ver0015.png" />	="2,272727272"	47ver0019.png"/>	47ver0020.png" />		47ver0022.png" />	110 83333333	47ver0030.png" />		47ver0032.png" />	47ver0033.png" />	".36231884	47ver0041.png" />	47ver0042.png" />	47ver0043.png" />	47ver0044.png" />	"2,272,7272,72	47ver0048.png" />	47ver0049.png" />	47ver0050.png" />	47ver0051.png" />	"1 JEB232233	47ver0059.png" />	47ver0060.png" />	/ 47ver0061.png" />	47ver0062.png" />

# Найти вероятность попадания случайной величины:

		",572530864"	"47ver0132.png" />	"47ver0133.png" />		",777777769,"	"47ver0139.png" />	"47ver0140.png" />	" 64875"	"AZver0143 mm" /-	"4 Zver0144 pp.c." A	gird-th-Tolland</th <th>",92444444"</th> <th>"47ver0150.png" /&gt;</th> <th>"47ver0151.png" /&gt;</th> <th></th> <th>",734693877"</th> <th>"47ver0154.png" /&gt;</th> <th>"47ver0155.png" /&gt;</th> <th></th> <th>",704861111"</th> <th>"47ver0161.png" /&gt;</th> <th>"47ver0162.png" /&gt;</th> <th>",795918367"</th> <th>"47ver0168 ppg" /s</th> <th>"47ver0169 pmg" /-</th> <th>c/ Bild:coronau</th> <th>",572530864"</th> <th>"47ver0172.png" /&gt;</th> <th>-</th> <th></th> <th>",76444444"</th> <th>"47ver0179.png" /&gt;</th> <th>"47ver0180.nng" /&gt;</th> <th>0</th> <th>",609375"</th> <th>"47ver0183.png" /&gt;</th> <th>"47ver0184.png" /&gt;</th> <th></th> <th>",679012345"</th> <th>"4 /ver0190.png" /&gt;</th> <th>4 / ver0191.png" /&gt;</th> <th></th>	",92444444"	"47ver0150.png" />	"47ver0151.png" />		",734693877"	"47ver0154.png" />	"47ver0155.png" />		",704861111"	"47ver0161.png" />	"47ver0162.png" />	",795918367"	"47ver0168 ppg" /s	"47ver0169 pmg" /-	c/ Bild:coronau	",572530864"	"47ver0172.png" />	-		",76444444"	"47ver0179.png" />	"47ver0180.nng" />	0	",609375"	"47ver0183.png" />	"47ver0184.png" />		",679012345"	"4 /ver0190.png" />	4 / ver0191.png" />	
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#### Найти мат.ожидание случайной величины:

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"-,291666666"	",666666666"	"3,33333333"	",215686274"	"-,757575757"	"-,19047619"	"3,416666666"	"-,520833333"	",138888888"	",122807017"	"-,148148148"	"-2,476190476"	"-,466666666"	"2,238095238"	"4,555555555"	".,431372549"	",242424242"
47ver0007.png"/>	47ver0011.png" />	47ver0018.png" />	47ver0025.png" />	47ver0029.png" />	47ver0036.png" />	47ver0040.png" />	47ver0047.png" />	47ver0054.png" />	47ver0058.png" />	47ver0065.png"/>	47ver0069.png" />	47ver0076.png" />	47ver0083.png" />	47ver0087.png" />	47ver0094.png" />	47ver0098.png" />

#### СТАТИСТИКА

## Двумерная случайная величина:

44	"49sta0287.png" />	"49sta0288.png" />		",32	"49sta0300.png" />	"49sta0301.png" />		",44	"49sta0313.png" />	"49sta0314.png" />		",44	"49sta032b.pnB /2	"49sta0327.png /2	C ::	,3 "angtan339.png" />	495ta0555555757777777777777777777777777777		: 58	"49sta0352.png" />	"49sta0353.png" />			"49sta0365.png" />	"49sta0366.png //	"33	"49sta0378.png" />	"49sta0379.png" />		",58	"49sta0391.p".6 /		.38	"49sta0404.png" />	"49sta0405.png //		",32	"49sta0417.png" />	description 1997	, 45	"49sta0014.png"	"49sta0015.png" />				
	"49sta0183.png" />	"49sta0184.png" />			"49sta0196.png" />	"49sta0197.png" />		",34	"49sta0209.png" />	"49sta0210.png" />		£'	"49sta0222.png" />	"49sta0223.png" />	72 :				",46	"49sta0248.png" />	"49sta0249.png" />		",28	"49sta0261.png" />	"49sta0262.png" />	"42	"49sta0274.png" />	"49sta0275.png" />																		
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## Найти условное мат.ожидание:

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	"14" "49sta0146.png" /> "49sta0147.png" />	"12" "49sta0159.png" /> "49sta0160.png" />	".49sta0172.png" /> "49sta0173.png" />	"11" "49sta0185.png" /> "49sta0186.png" />	"40sta0198.png" /> "49sta0199.png" />	"g" "49sta0211.png" /> "49sta0212.png" />	"12" "49sta0224.png" /> "49sta0225.png" />	"9" "49sta0237.png" /> "49sta0238.png" />	"5" "49sta0250.png" /> "49sta0251.png" />	"5" "495ta0263.png" /> "49sta0264.png" />	"9" "49sta0276.png" />	
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"49sta0137.png"		"49sta0217.nng"	"49sta0359.png"
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