

Problems and Answers.
Solve the problem #1

In a survey, 684 linguists and architects indicated their major professional activity. The results are summarized in the table. If one of the scientists is selected at random. What is the probability that the selected scientist is a linguists whose indicated professional activity is teaching?

	Teaching	Research
linguists	151	143
architects	169	221

Solve the problem #2

In a survey, 444 meteorologists and linguists indicated their major professional activity. The results are summarized in the table. If one of the scientists is selected at random. What is the probability that the selected scientist is a meteorologists whose indicated professional activity is research?

	Teaching	Research
meteorologists	95	108
linguists	109	132

Solve the problem #3

In a survey, 360 ecologists and geologists indicated their major professional activity. The results are summarized in the table. If one of the scientists is selected at random. What is the probability that the selected scientist is a geologists whose indicated professional activity is teaching?

	Teaching	Research
ecologists	83	92
geologists	66	119

Solve the problem #4

In a survey, 576 sociologists and psychologists indicated their major professional activity. The results are summarized in the table. If one of the scientists is selected at random. What is the probability that the selected scientist is a psychologists whose indicated professional activity is research?

	Teaching	Research
sociologists	132	147
psychologists	147	150

Solve the problem #5

In a survey, 636 veterinarians and physicists indicated their major professional activity. The results are summarized in the table. If one of the scientists is selected at random. What is the probability that the selected scientist is a veterinarians whose indicated professional activity is teaching?

	Teaching	Research
veterinarians	158	149
physicists	142	187

Solve the problem #6

In a survey, 612 geographers and chemists indicated their major professional activity. The results are summarized in the table. If one of the scientists is selected at random. What is the probability that the selected scientist is a geographers whose indicated professional activity is research?

	Teaching	Research
geographers	135	140
chemists	152	185

Solve the problem #7

In a survey, 312 botanists and physicists indicated their major professional activity. The results are summarized in the table. If one of the scientists is selected at random. What is the probability that the selected scientist is a physicists whose indicated professional activity is teaching?

	Teaching	Research
botanists	63	81
physicists	64	104

Problems and Answers.

Answers

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	Teaching	Research
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architects	169	221

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Solve the problem #2

In a survey, 444 meteorologists and linguists indicated their major professional activity. The results are summarized in the table. If one of the scientists is selected at random. What is the probability that the selected scientist is a meteorologists whose indicated professional activity is research?

	Teaching	Research
meteorologists	95	108
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	Teaching	Research
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geologists	66	119

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Solve the problem #4

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	Teaching	Research
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	Teaching	Research
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35/153

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	Teaching	Research
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