```
In[29]:= Expected2[av_, rel_] := N[Total[av x rel_]]
ln[30]:= diePoss = {1, 2, 3, 4, 5, 6};
ln[31]:= diceSumPoss = {2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12};
      diceSumRel = {1, 2, 3, 4, 5, 6, 5, 4, 3, 2, 1 };
In[33]:= diceProdPoss = {1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 15, 16, 18, 20, 24, 25, 30, 36};
      diceProdRel = {1, 2, 2, 3, 2, 4, 2, 1, 2, 4, 2, 1, 2, 2, 2, 1, 2, 1};
In[35]:= Var[av_, rel_] := N[Expected2[av², rel] - Expected2[av, rel]²]
     dieRel = Table[1, {i, 0, 5}];
In[37]:= xV = Var[diePoss, dieRel]
Out[37] = 2.91667
In[38]:= dV = Var[diePoss x 2, dieRel]
Out[38]= 11.6667
In[39]:= qV = Var[diePoss<sup>2</sup>, dieRel]
Out[39] = 149.139
In[40]:= bV = Var[7 - diePoss, dieRel]
Out[40] = 2.91667
In[41]:= sV = Var[diceSumPoss, diceSumRel]
Out[41] = 5.83333
In[42]:= pV = Var[diceProdPoss, diceProdRel]
Out[42] = 79.9653
In[43]:= Var[2 x diePoss, dieRel] == 2 x Var[diePoss, dieRel] (* [1] *)
Out[43]= False
In[44]:= Var[diePoss<sup>2</sup>, dieRel] == Var[diePoss, dieRel]<sup>2</sup>
Out[44]= False
In[45]:= Var[7 - diePoss, dieRel] == 7 - Var[diePoss, dieRel]
Out[45]= False
     V(X_1 + X_2) entspricht [1]
| In[46|:= Var[diePoss x diePoss, dieRel] == Var[diePoss, dieRel] x Expected2[diePoss, dieRel]
Out[46]= False
```

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