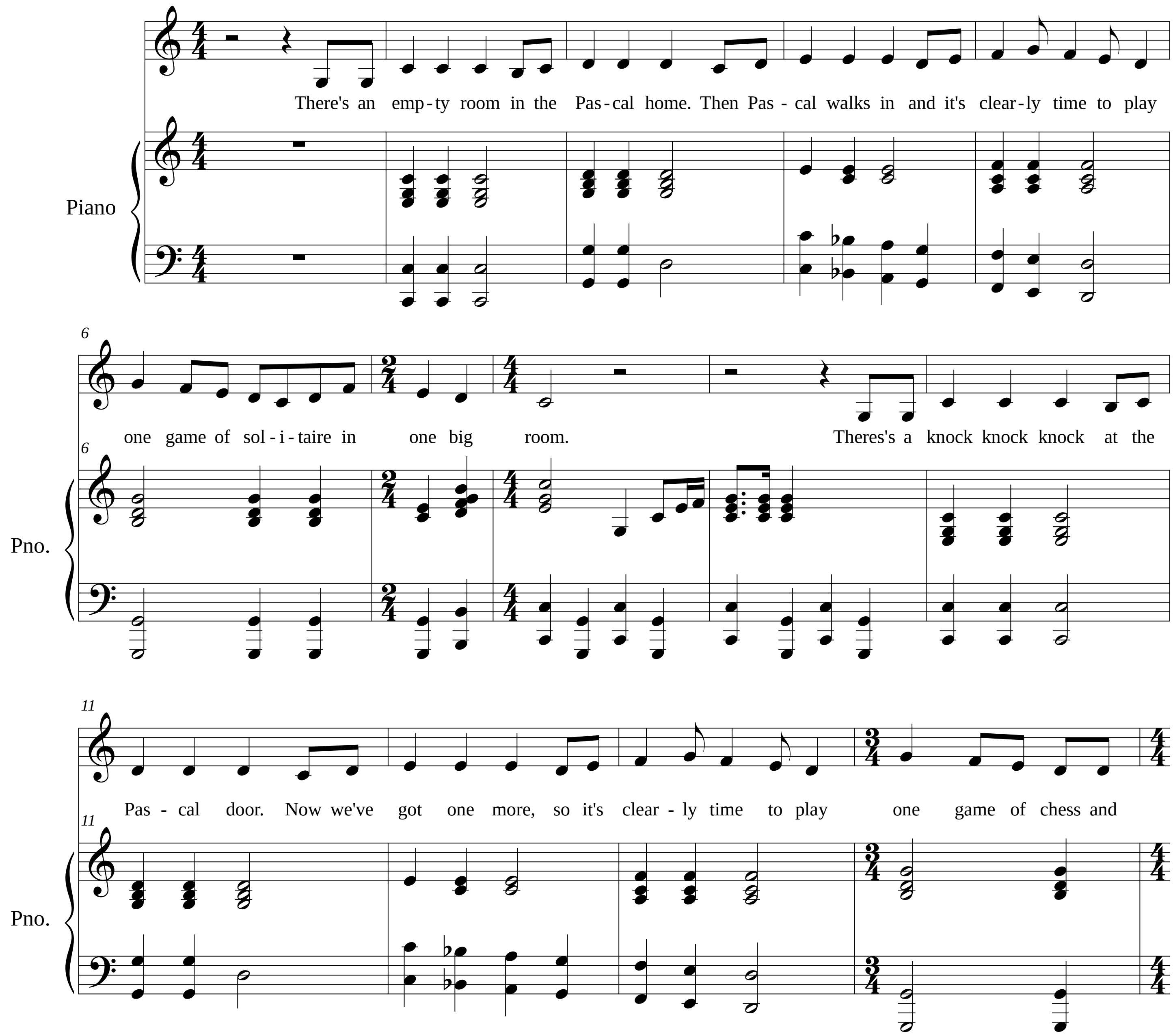
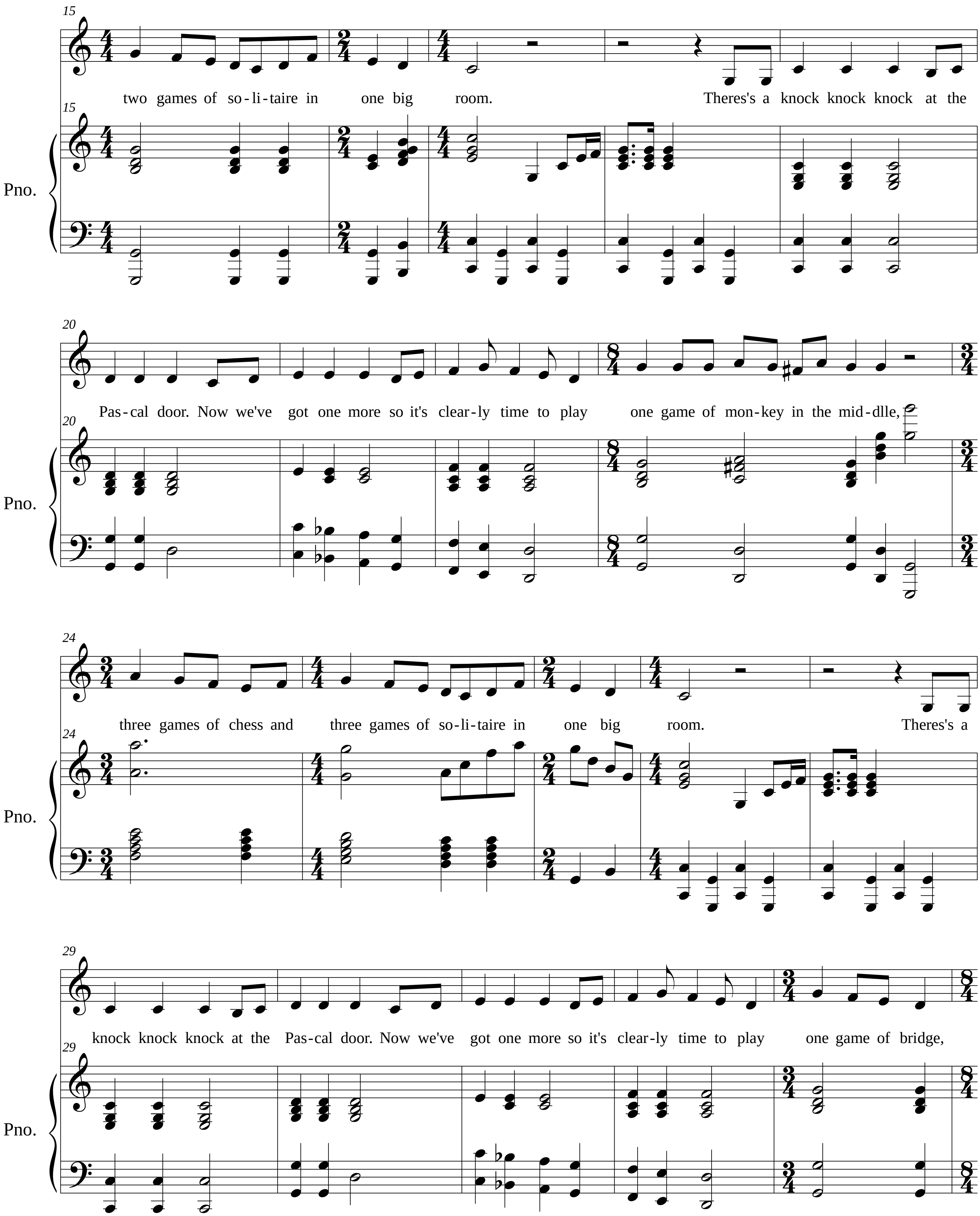
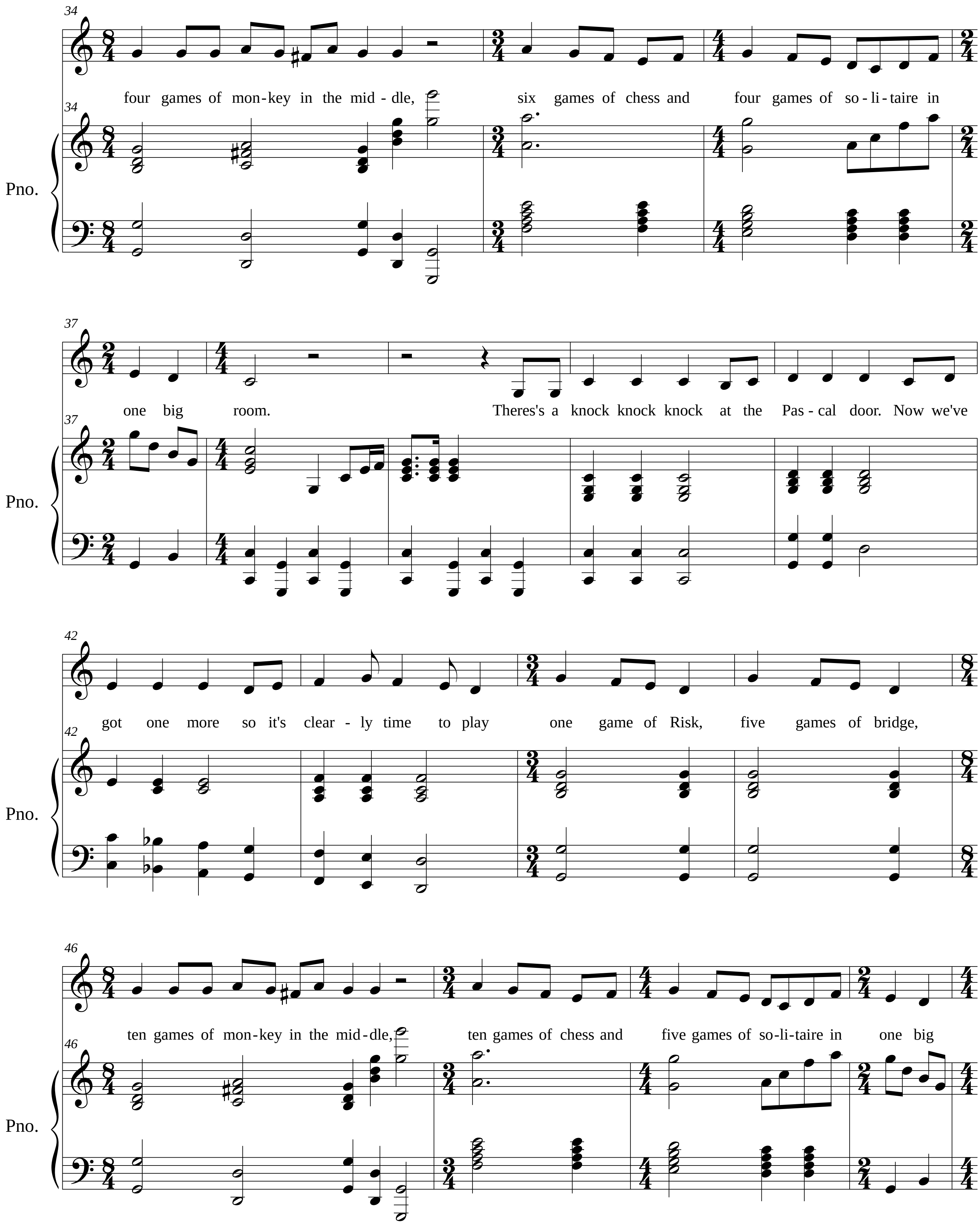
Party at Pascal's

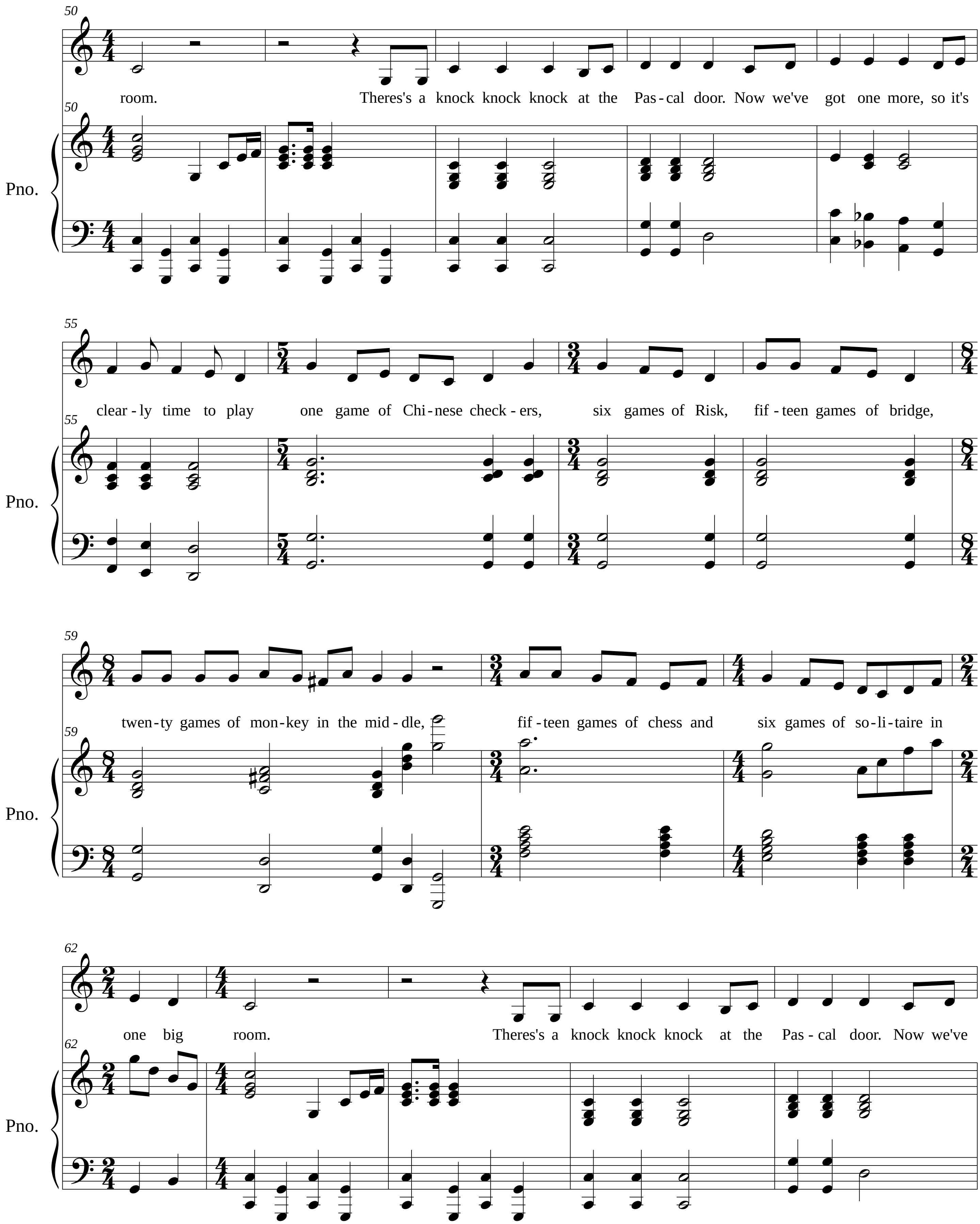
Fast yet surprisingly well articulated

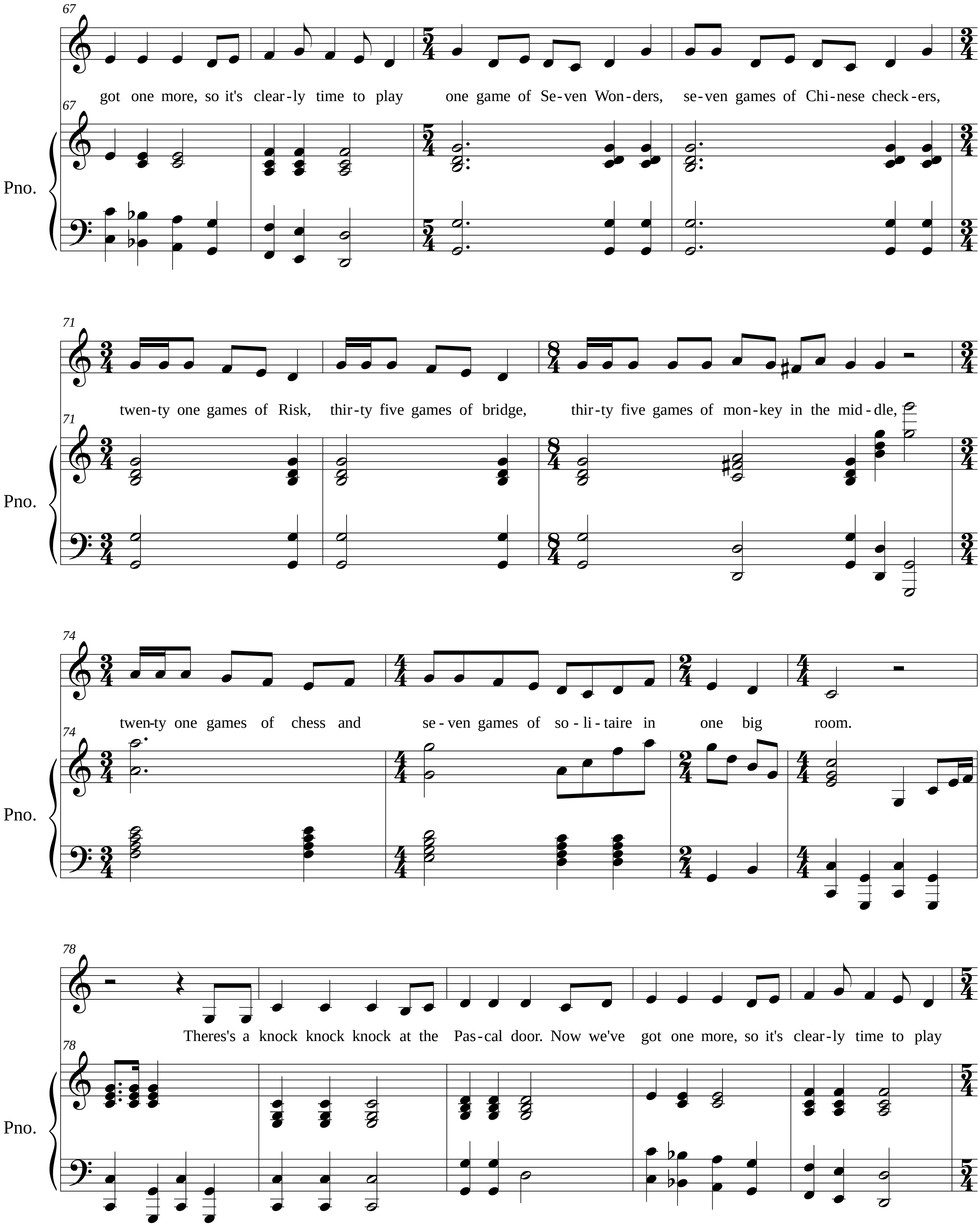
Scott Sheffield

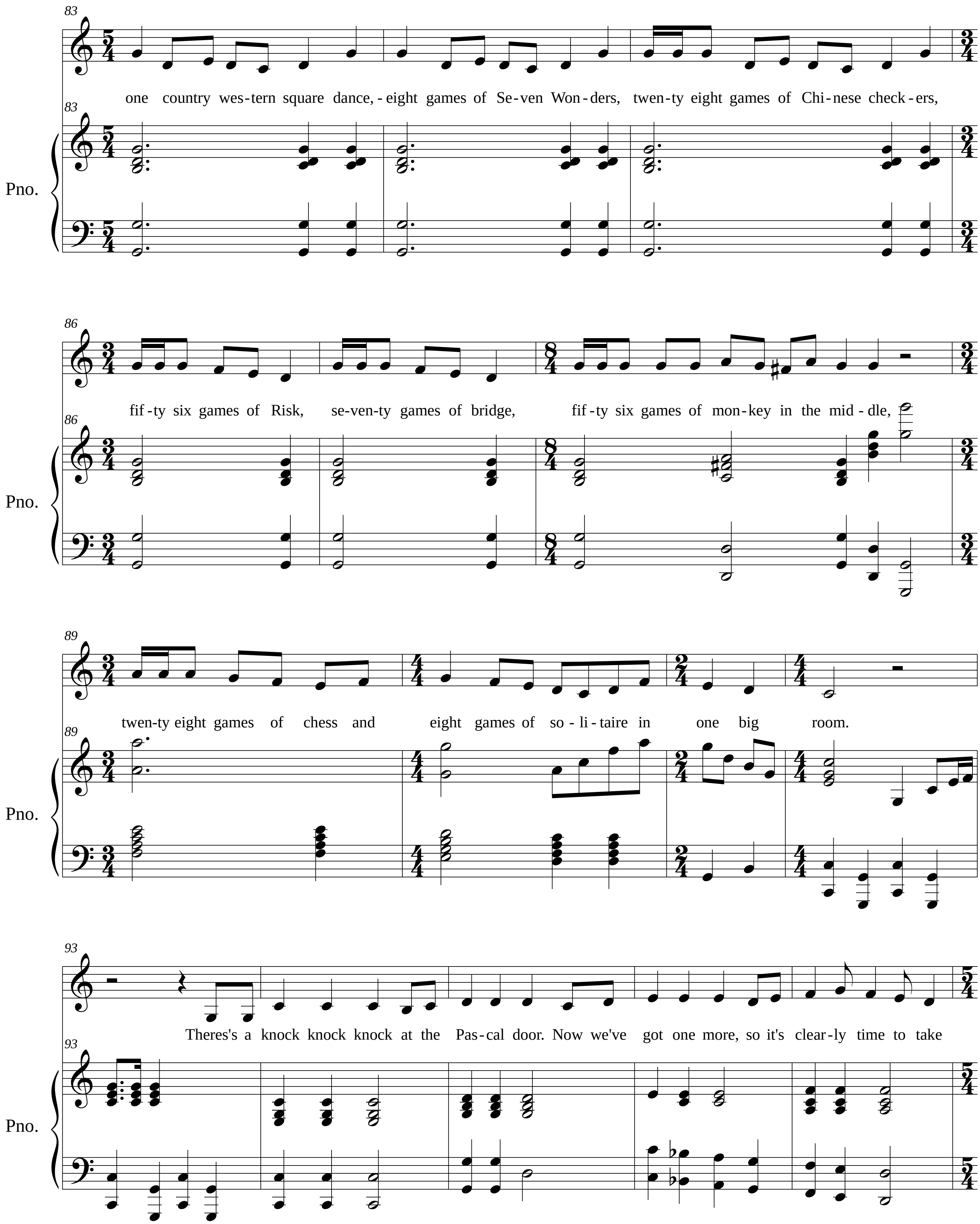


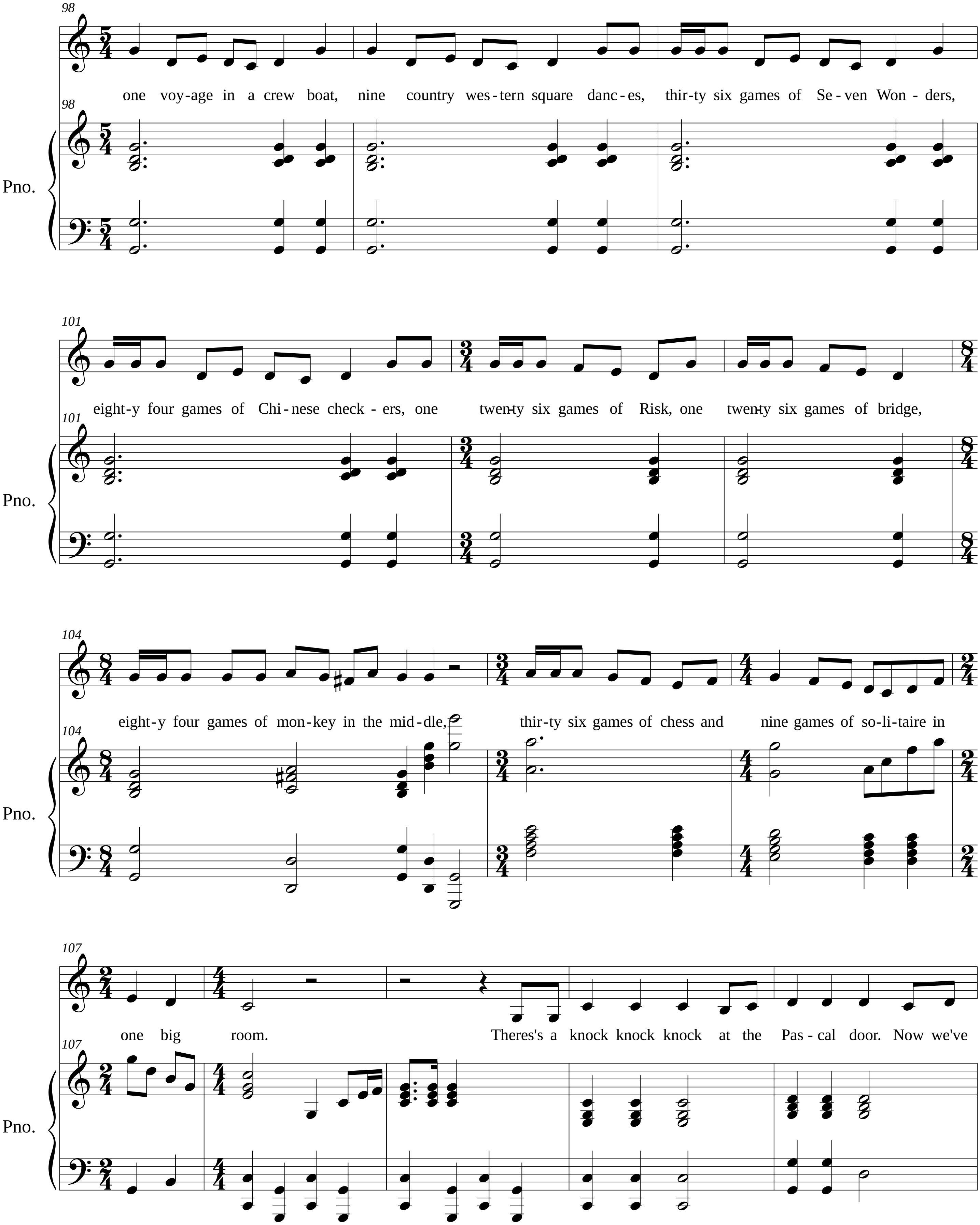

15
two games of so-li-taire in one big room. Theres's a knock knock knock at the
Pno.
20
Pas-cal door. Now we've got one more so it's clear-ly time to play one game of mon-key in the mid-dlle,
Pno.
24
three games of chess and three games of so-li-taire in one big room. Theres's a
Pno.
29
knock knock knock at the Pas-cal door. Now we've got one more so it's clear-ly time to play one game of bridge,
Pno.

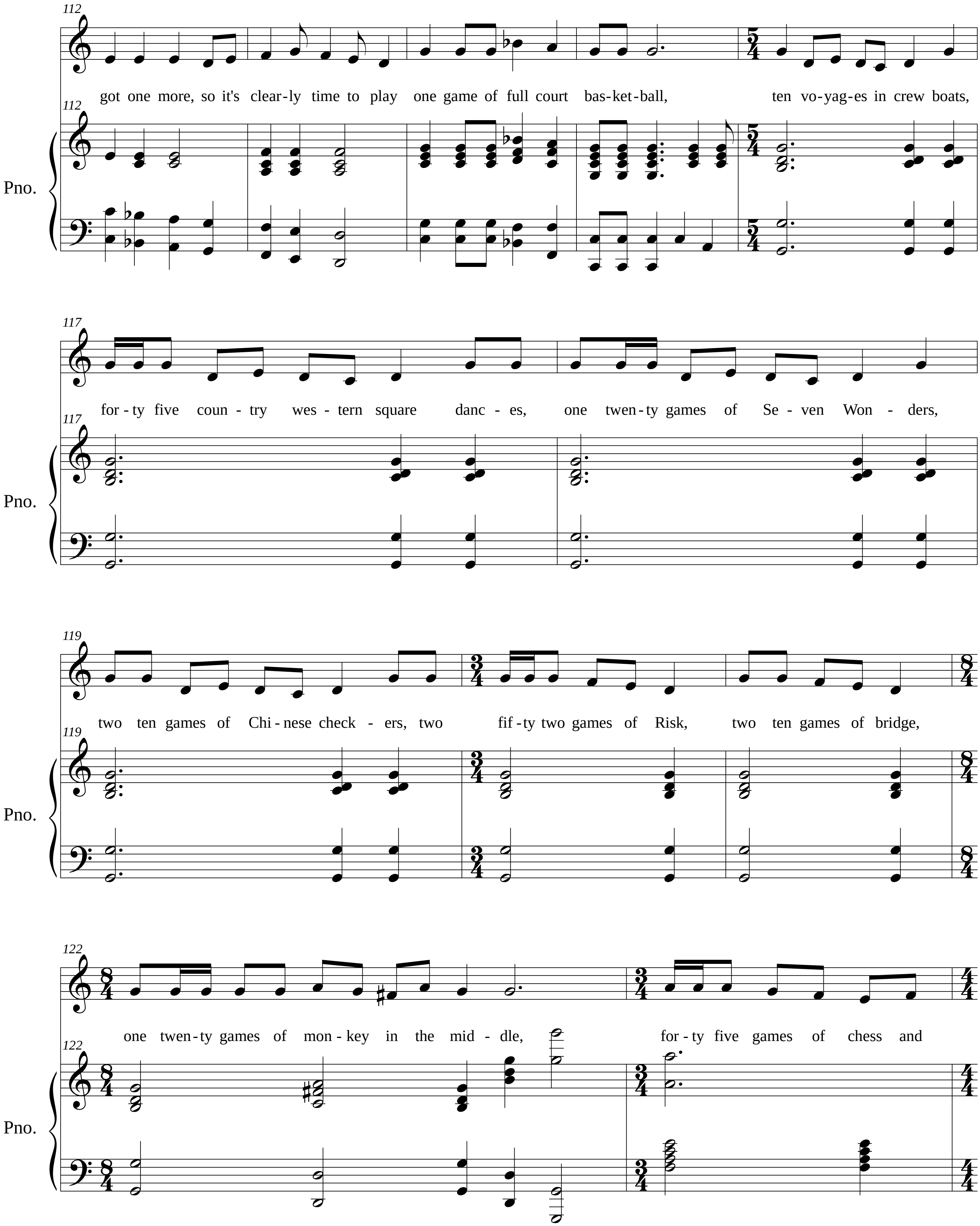

34
four games of mon-key in the mid - dle, six games of chess and four games of so - li - taire in
Pno.
37
one big room. Theres's a knock knock knock at the Pas - cal door. Now we've
Pno.
42
got one more so it's clear - ly time to play one game of Risk, five games of bridge,
Pno.
46
ten games of mon-key in the mid-dle, ten games of chess and five games of so-li-taire in one big
Pno.

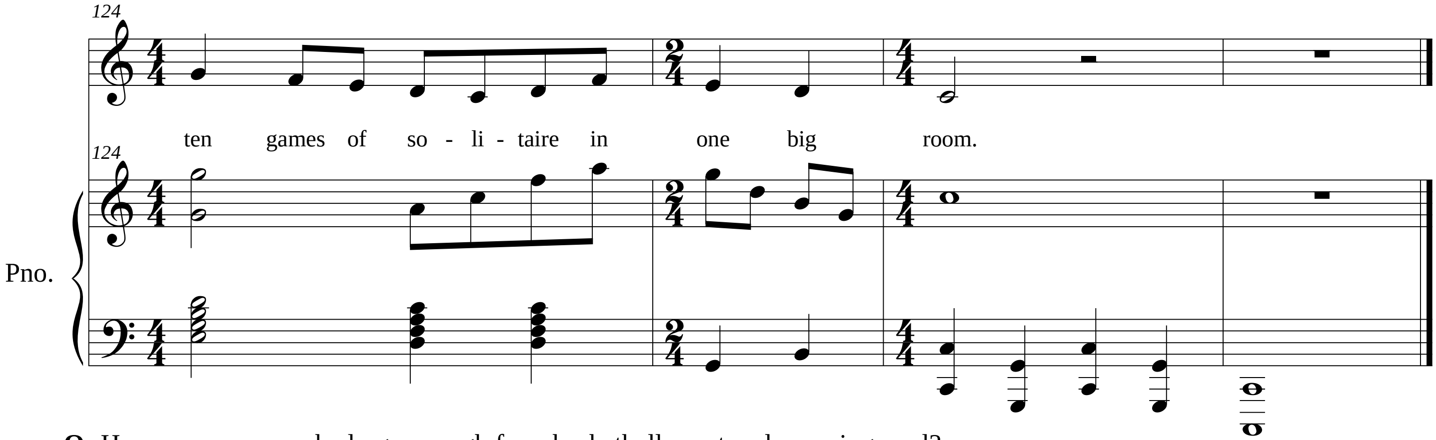

50
room. Theres's a knock knock knock at the Pas-cal door. Now we've got one more, so it's
Pno.
55
clear-ly time to play one game of Chi-nese check-ers, six games of Risk, fif-teen games of bridge,
Pno.
59
twen-ty games of mon-key in the mid-dle, fif-teen games of chess and six games of so-li-taire in
Pno.
62
one big room. Theres's a knock knock knock at the Pas-cal door. Now we've
Pno.


67
got one more, so it's clear-ly time to play one game of Se-ven Won-ders, se-ven games of Chi-nese check-ers,
Pno.
71
twen-ty one games of Risk, thir-ty five games of bridge, thir-ty five games of mon-key in the mid-dle,
Pno.
74
twen-ty one games of chess and se-ven games of so-li-taire in one big room.
Pno.
78
Theres's a knock knock knock at the Pas-cal door. Now we've got one more, so it's clear-ly time to play
Pno.


one country wes-tern square dance, - eight games of Se-ven Won-ders, twen-ty eight games of Chi-nese check-ers,
Pno.
fif-ty six games of Risk, se-ven-ty games of bridge, fif-ty six games of mon-key in the mid-dle,
Pno.
twen-ty eight games of chess and eight games of so-li-taire in one big room.
Pno.
Theres's a knock knock knock at the Pas-cal door. Now we've got one more, so it's clear-ly time to take
Pno.


98
one voy-age in a crew boat, nine country wes-tern square danc-es, thir-ty six games of Se-ven Won-ders,
Pno.
101
eight-y four games of Chi-nese check-ers, one twen-ty six games of Risk, one twen-ty six games of bridge,
Pno.
104
eight-y four games of mon-key in the mid-dle, thir-ty six games of chess and nine games of so-li-taire in
Pno.
107
one big room. Theres's a knock knock knock at the Pas-cal door. Now we've
Pno.


112
got one more, so it's clear-ly time to play one game of full court bas-ket-ball, ten vo-yag-es in crew boats,
Pno.
117
for - ty five coun - try wes - tern square danc - es, one twen-ty games of Se - ven Won - ders,
119
two ten games of Chi - nese check - ers, two fif - ty two games of Risk, two ten games of bridge,
122
one twen-ty games of mon - key in the mid - dle, for - ty five games of chess and



Q: How can one room be large enough for a basketball court and a rowing pool?
A: It's a big room. This fact is repeated several times. Please pay attention.

Q: Why does Pascal have a live cox for his crew boat but no live caller for his square dance?
A: Rowing without a live cox is considerably more dangerous than square dancing to a recorded caller.

Q: Is this another parody of "12 Days of Christmas"?
A: Absolutely not, but since you ask, I will say this: the total number of gifts given on the **k**th day of Christmas is **1 + 2 + 3 + ... + k**, which is equal to **k(k+1)/2**, which is the number of chess games played the **k**th time chess is mentioned. The cumulative number of gifts given on Christmas days **1** through **k** is **k(k+1)(k+2)/6**, which is the number of monkey in the middle games played the **k**th time monkey in the middle is mentioned. The number of *types* of gifts given on the **k**th day of Christmas is simply **k**, which is the number of solitaire games played the **k**th time solitaire is mentioned. In short, mathematically speaking, all the interesting patterns in "12 Days of Christmas" are also encoded in "Party at Pascal's".

Q: They play a lot of games, don't they?
A: The total number of games played at Pascal's house when **k** people are present is $\mathbf{2^k}$(if you count the room itself as an "empty game"), which is the number of subsets of a **k**-person set. That sounds like a lot, but it's nothing compared to what happens at the end of the party, when somebody insists that the **10** guests line up (in all **10!** permutations) for photographs.

Q: What if more guests arrive?
A: Proceed with a refereed basketball game, a volleyball game, a witches' coven, a 14-piece jazz band, a 5-4-3-2-1 cheerleader pyramid, a double square dance, a double square dance with a live caller, a baseball game, a 19-piece chamber orchestra, a lacrosse game, a 6-5-4-3-2-1 cheerleader pyramid, a soccer game, and a round of "Let's see if two of us share a birthday".