Estimated sales volume

\[ 47.58 + 0.55(\text{adv. Exp}) \]

Target sales = 300,000

\[ 300000 = 47.58 + 55(n) \]

\[ n = \frac{300000 - 47.58}{55} \]

\[ n = 545368.036 \]

\[ n \approx 545.1 \]

Worksheet about probability

1. a) 1, 2, 3, 4, 5, 6, 7, 8, 9
   b) 6
   c) 2, 4, 6, \rightarrow 3 \text{ members}

2. a) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
   b) 11
   c) 6
Equally likely: same probability / likelihood / chance of happening.

are they equally-likely?

2 → 1   one roll gives sum of 2.
3 → 2   100 roll gives sum of 3.

so, they are not equally-likely.

2. a. 823  9 make, N.B.
b. 1
c.

d. 8

e. 1
f. 3

law of large numbers: on 2nd test.