1.1.

Sweet 30 apples 10 expples

40 oranges 20 preugos

total 70 fruits total sweet fruits - 30

1.2.

		3	5	3	, this is propability chart of
		5	8	5	touching cells.
		3	ĸ	3	0

1 to appear in any box, the probability is 9.

$$\frac{1}{3} \cdot \frac{3}{8} + \frac{1}{3} \cdot \frac{5}{8} + \dots$$

$$\frac{1}{3} \cdot \frac{1}{8} \cdot (3.4 + 5.4 + 8) = \frac{1}{9} \cdot \frac{1}{8} \cdot 40 = \frac{5}{9}$$

1.3. 100 101 102 every third number is divided by three.
103 104 105 30 1/3 is the probability. 997 998 999 6. 10^{8} 11⁸

22 possibility and of 900 number so $\frac{27}{900}$ is possibility

11

11

11

11

150

B: 1, 3, 4, 5, 8,9

C: 2, 3, 4, 6, 7, 8

which = 20

so probability is
$$\frac{20}{36} = \frac{5}{3} > \frac{1}{2}$$

B beats C combinations:

$$(3,2) (3,3) (4,2) (4,3) (4,4) (5,2) (5,3) (5,4) (8,2) (8,3)$$

$$(8;4)$$
 $(8;6)$ $(8;7)$ $(8;8)$ $(9;2)$ $(9;3)$ $(9;4)$ $(9;6)$ $(9;7)$ $(9:8)$ which is 20

which is 20
so probability is
$$\frac{20}{36} = \frac{5}{3} > \frac{1}{2}$$

which is 20

$$(2.1)$$
 (2.2) (3.1)

$$(2;1)$$
 $(2;2)$ $(3;1)$

$$(2;1)$$
 $(2;2)$ $(3;1)$

$$(2,1)$$
 $(2,2)$ $(3,1)$ $(3,2)$ $(4,1)$ $(4,2)$ $(6,1)$ $(6,2)$ $(6,5)$ $(6,6)$

$$(2;2)$$
 $(3;1)$ $(3;2)$

so probability is $\frac{20}{36} = \frac{5}{9} > \frac{1}{2}$

$$(2)$$
 $(4;1)$ (1)

so possibility is
$$\frac{638}{1024} = \frac{319}{512}$$

$$P = \frac{C_{\chi}^{4} \cdot C_{3}^{6}}{1024} = \frac{6 \cdot 20}{1024} = \frac{120}{1024} = \frac{15}{128}$$

$$P = \frac{C_0^4 + C_3^4 + C_2^4}{1024} = \frac{1+4+6}{1024} = \frac{11}{1024}$$