

3. Stojanovic's Optimal Smoothies.

(a). Let Professor Ranade's ratings for strawberries, bananas, mangos, blueberries be a, b, c, d , respectively

So, given the information, we have:

$$\begin{cases} \frac{1}{3}a + \frac{1}{3}b + 0 \cdot c + \frac{1}{3}d = 7, & (1) \\ \frac{1}{3}a + \frac{1}{3}b + \frac{1}{3}c + 0 \cdot d = 7, & (2) \\ 0 \cdot a + \frac{2}{5}b + \frac{3}{5}c + 0 \cdot d = 7\frac{2}{5}, & (3) \\ \frac{2}{3}a + \frac{1}{3}b + 0 \cdot c + 0 \cdot d = 6\frac{1}{3}. & (4) \end{cases}$$

(Eq. 1 - Eq. 2) $\times 3$: $d - c = 0$ so $c = d$. (5)

(Eq. 4 - Eq. 1) $\times 3$: $a - d = -2$ so $a = d - 2$. (6)

Plug Eq 5, 6 into Eq 2: $\frac{1}{3}(d-2) + \frac{1}{3}b + \frac{1}{3}d = 7$, so $d-2+b+d=21$.
so $b = 23 - 2d$. (7)

Plug Eq 5, 7 into Eq 3: $\frac{2}{5}(23-2d) + \frac{3}{5}d = 7\frac{2}{5}$, so $46-4d+3d=37$.
so $d = 9$. (8)

Plug Eq 8 into Eq 5, 6, 7. so $c = 9$, $a = 7$, $b = 5$

Thus, Professor Ranade's rating for strawberries is $\boxed{7}$.
for bananas is $\boxed{5}$.
for mangos is $\boxed{9}$.
for blueberries is $\boxed{9}$.

(b). Professor Stojanovic should put in any combination mangos and blueberries. Since there are infinite many answers, I'll pick $\frac{1}{2}$ mangos and $\frac{1}{2}$ blueberries. The score Professor Ranade would give is: $(\frac{1}{2} \cdot 9 + \frac{1}{2} \cdot 9) = \boxed{9}$