

Lo-veo (I see it!) – Equivalent Fractions

Materials needed:

- Lo-veo Cards
- Dry erase markers/boards/erasers

To play:

- Shuffle and stack the Lo-veo cards.
- Each Lo-veo card has at least one pair of equivalent fractions.
- Players take turns drawing cards and finding the equivalent fractions on each card.
- When each player has solved 5 cards, add the fractions from that player's cards together (one fraction per card).

To win: Player with the highest total wins.

Example of scoring:

Player 1

Equivalent fractions from 5 cards	$\frac{3}{6}, \frac{1}{2}$	$\frac{2}{8}, \frac{1}{4}$	$\frac{4}{6}, \frac{2}{3}$	$\frac{2}{4}, \frac{4}{8}$	$\frac{1}{3}, \frac{2}{6}$	
So that's these 5 fractions	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{2}{3}$	$\frac{2}{4}$	$\frac{1}{3}$	
Convert to common denominator and add	$\frac{6}{12}$	$+\frac{3}{12}$	$+\frac{8}{12}$	$+\frac{6}{12}$	$+\frac{4}{12}$	$=\frac{27}{12} = 2\frac{3}{12} = 2\frac{1}{4}$

Final score for Player 1 is $2\frac{1}{4}$

Alternate game: Flip a card and first person to see the equivalent fractions wins the card. Player with the most cards wins.

Print: 1-sided, cut along dark lines

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{4}$$

$$\frac{2}{7}$$

$$\frac{2}{8}$$

$$\frac{4}{7}$$

$$\frac{4}{8}$$

$$\frac{5}{6}$$

$$\frac{2}{3}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{6}{7}$$

$$\frac{4}{6}$$

$$\frac{1}{2}$$

$$\frac{8}{8}$$

$$\frac{6}{8}$$

$$\frac{2}{8}$$

$$\frac{2}{9}$$

$$\frac{1}{9}$$

$$\frac{1}{2}$$

$$\frac{5}{8}$$

$$\frac{2}{4}$$

$$\frac{2}{7}$$

$$\frac{1}{3}$$

$$\frac{1}{7}$$

$$\frac{1}{2}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{2}{9}$$

$$\frac{5}{10}$$

$$\frac{2}{3}$$

$$\frac{1}{2}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{3}{6}$$

$$\frac{2}{6}$$

$$\frac{1}{6}$$

$$\frac{2}{6}$$

$$\frac{1}{2}$$

$$\frac{2}{8}$$

$$\frac{5}{5}$$

$$\frac{6}{12}$$

$$\frac{5}{9}$$

$$\frac{5}{9}$$

$$\frac{8}{7}$$

$$\frac{6}{8}$$

$$\frac{6}{7}$$

$$\frac{1}{7}$$

$$\frac{2}{5}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{5}{10}$$

$$\frac{4}{6}$$

$$\frac{1}{3}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{1}{3}$$

$$\frac{2}{3}$$

$$\frac{2}{8}$$

$$\frac{5}{5}$$

$$\frac{4}{12}$$

$$\frac{8}{9}$$

$$\frac{8}{8}$$

$$\frac{6}{8}$$

$$\frac{2}{8}$$

$$\frac{4}{7}$$

$$\frac{4}{6}$$

$$\frac{3}{9}$$

$$\frac{2}{7}$$

$$\frac{2}{8}$$

$$\frac{4}{7}$$

$$\frac{4}{6}$$

$$\frac{2}{8}$$

$$\frac{3}{6}$$

$$\frac{7}{9}$$

$$\frac{3}{4}$$

$$\frac{4}{9}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{7}{9}$$

$$\frac{5}{9}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{8}$$

$$\frac{2}{9}$$

$$\frac{2}{10}$$

$$\frac{1}{9}$$

$$\frac{6}{7}$$

$$\frac{1}{7}$$

$$\frac{2}{5}$$

$$\frac{1}{4}$$

$$\frac{3}{12}$$

$$\frac{2}{6}$$

$$\frac{1}{5}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{1}{4}$$

$$\frac{2}{12}$$

$$\frac{7}{6}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{5}{6}$$

$$\frac{1}{6}$$

$$\frac{5}{8}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{8}{9}$$

$$\frac{2}{5}$$

$$\frac{4}{6}$$

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{4}$$

$$\frac{1}{9}$$

$$\frac{4}{7}$$

$$\frac{1}{3}$$

$$\frac{1}{7}$$

$$\frac{3}{6}$$

$$\frac{2}{14}$$

$$\frac{4}{6}$$

$$\frac{3}{7}$$

$$\frac{2}{16}$$

$$\frac{2}{8}$$

$$\frac{5}{5}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{9}$$

$$\frac{5}{6}$$

$$\frac{1}{8}$$

$$\frac{7}{9}$$

$$\frac{1}{6}$$

$$\frac{3}{6}$$

$$\frac{2}{18}$$

$$\frac{2}{9}$$

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

$$\frac{2}{3}$$

$$\frac{7}{6}$$

$$\frac{2}{20}$$

$$\frac{3}{3}$$

$$\frac{1}{9}$$

$$\frac{5}{6}$$

$$\frac{5}{9}$$

$$\frac{4}{4}$$

$$\frac{2}{2}$$

$$\frac{2}{8}$$

$$\frac{5}{8}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{2}{2}$$

$$\frac{2}{8}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{4}{7}$$

$$\frac{2}{7}$$

$$\frac{6}{7}$$

$$\frac{1}{10}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{5}{8}$$

$$\frac{8}{9}$$

$$\frac{1}{3}$$

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

$$\frac{2}{2}$$

$$\frac{2}{8}$$

$$\frac{5}{5}$$

$$\frac{4}{7}$$

$$\frac{6}{6}$$

$$\frac{8}{9}$$

$$\frac{2}{2}$$

$$\frac{7}{6}$$

$$\frac{2}{7}$$

$$\frac{4}{6}$$

$$\frac{5}{7}$$

$$\frac{7}{9}$$

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{4}$$

$$\frac{1}{9}$$

$$\frac{5}{8}$$

$$\frac{7}{7}$$

$$\frac{1}{4}$$

$$\frac{5}{6}$$

$$\frac{2}{5}$$

$$\frac{4}{6}$$

$$\frac{2}{9}$$

$$\frac{2}{2}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

$$\frac{5}{6}$$

$$\frac{8}{8}$$

$$\frac{3}{6}$$

$$\frac{2}{8}$$

$$\frac{9}{9}$$

$$\frac{4}{7}$$

$$\frac{1}{3}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{6}{7}$$

$$\frac{2}{2}$$

$$\frac{5}{9}$$

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{4}$$

$$\frac{4}{6}$$

$$\frac{10}{10}$$

$$\frac{2}{3}$$

$$\frac{8}{9}$$

$$\frac{1}{3}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{2}{2}$$

$$\frac{5}{8}$$

$$\frac{2}{4}$$

$$\frac{2}{2}$$

$$\frac{2}{8}$$

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{7}{9}$$

$$\frac{5}{9}$$

$$\frac{3}{7}$$

$$\frac{2}{3}$$

$$\frac{4}{7}$$

$$\frac{8}{12}$$

$$\frac{2}{5}$$

$$\frac{1}{4}$$

$$\frac{4}{5}$$

$$\frac{4}{6}$$

$$\frac{5}{10}$$

$$\frac{7}{9}$$

$$\frac{2}{9}$$

$$\frac{2}{3}$$

$$\frac{3}{6}$$

$$\frac{2}{8}$$

$$\frac{5}{6}$$

$$\frac{2}{3}$$

$$\frac{7}{6}$$

$$\frac{5}{6}$$

$$\frac{6}{9}$$

$$\frac{8}{9}$$

$$\frac{1}{3}$$

$$\frac{5}{9}$$

$$\frac{8}{9}$$

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

$$\frac{2}{3}$$

$$\frac{1}{3}$$

$$\frac{5}{8}$$

$$\frac{1}{9}$$

$$\frac{4}{4}$$

$$\frac{3}{8}$$

$$\frac{4}{7}$$

$$\frac{4}{6}$$

$$\frac{6}{9}$$

$$\frac{2}{7}$$

$$\frac{4}{6}$$

$$\frac{10}{15}$$

$$\frac{3}{3}$$

$$\frac{2}{8}$$

$$\frac{5}{5}$$

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{4}$$

$$\frac{4}{7}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{6}{7}$$

$$\frac{2}{5}$$

$$\frac{4}{6}$$

$$\frac{5}{8}$$

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

4.3.C – 4.3.D – Comp FR with Diff Num & Den – Lo-Veo

$$\frac{7}{9}$$

$$\frac{6}{6}$$

$$\frac{2}{9}$$

$$\frac{3}{3}$$

$$\frac{2}{7}$$

$$\frac{8}{9}$$

$$\frac{1}{3}$$

$$\frac{8}{8}$$

$$\frac{2}{8}$$

$$\frac{5}{6}$$

$$\frac{2}{5}$$

$$\frac{4}{6}$$

$$\frac{4}{6}$$

$$\frac{7}{7}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{4}{7}$$

$$\frac{3}{3}$$

$$\frac{3}{3}$$

$$\frac{5}{9}$$

$$\frac{1}{9}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{4}{8}$$

$$\frac{5}{6}$$

$$\frac{7}{6}$$

$$\frac{4}{7}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{8}{9}$$

$$\frac{5}{10}$$

$$\frac{9}{9}$$

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{4}$$

$$\frac{2}{4}$$

$$\frac{5}{8}$$

$$\frac{4}{8}$$

$$\frac{3}{7}$$

$$\frac{6}{7}$$

$$\frac{2}{8}$$

$$\frac{5}{5}$$

$$\frac{3}{3}$$

$$\frac{3}{6}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{7}{9}$$

$$\frac{3}{3}$$

$$\frac{5}{8}$$

$$\frac{10}{10}$$

$$\frac{2}{3}$$

$$\frac{5}{9}$$

$$\frac{6}{8}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{6}{12}$$

$$\frac{5}{9}$$

$$\frac{7}{6}$$

$$\frac{8}{9}$$

$$\frac{1}{3}$$

$$\frac{8}{16}$$

$$\frac{2}{4}$$

$$\frac{1}{4}$$

$$\frac{4}{7}$$

$$\frac{2}{4}$$

$$\frac{5}{10}$$

$$\frac{5}{8}$$

$$\frac{3}{6}$$

$$\frac{2}{4}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{1}{3}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{5}{9}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{10}{20}$$

$$\frac{2}{9}$$

$$\frac{4}{6}$$

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

$$\frac{3}{4}$$

$$\frac{2}{3}$$

$$\frac{1}{9}$$

$$\frac{3}{4}$$

$$\frac{2}{8}$$

$$\frac{8}{9}$$

$$\frac{4}{7}$$

$$\frac{5}{5}$$

$$\frac{3}{7}$$

$$\frac{2}{7}$$

$$\frac{2}{8}$$

$$\frac{6}{8}$$

$$\frac{6}{7}$$

$$\frac{12}{16}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{4}{4}$$

$$\frac{7}{9}$$

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{4}$$

$$\frac{2}{5}$$

$$\frac{4}{6}$$

$$\frac{5}{8}$$

$$\frac{2}{3}$$

$$\frac{2}{8}$$

$$\frac{5}{10}$$

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

4.3.C-4.3.D-Comp FR with Diff Num & Den -Lo-Veo

$$\frac{1}{4}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{2}{8}$$

$$\frac{5}{5}$$

$$\frac{2}{9}$$

$$\frac{6}{15}$$

$$\frac{3}{6}$$

$$\frac{7}{6}$$

$$\frac{5}{6}$$

$$\frac{4}{4}$$

$$\frac{6}{6}$$

$$\frac{5}{6}$$

$$\frac{2}{3}$$

$$\frac{4}{10}$$

$$\frac{2}{7}$$

$$\frac{5}{9}$$

$$\frac{5}{8}$$

$$\frac{4}{7}$$

$$\frac{2}{8}$$

$$\frac{5}{5}$$

$$\frac{2}{5}$$

$$\frac{2}{8}$$

$$\frac{1}{9}$$

$$\frac{2}{5}$$

$$\frac{8}{9}$$

$$\frac{1}{3}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{3}{5}$$

$$\frac{1}{3}$$

$$\frac{3}{9}$$

$$\frac{3}{5}$$

$$\frac{2}{8}$$

$$\frac{9}{15}$$

$$\frac{2}{6}$$

$$\frac{2}{5}$$

$$\frac{4}{6}$$

$$\frac{4}{7}$$

$$\frac{4}{6}$$

$$\frac{6}{7}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{4}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{6}{12}$$

$$\frac{5}{8}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{4}{12}$$

$$\frac{8}{9}$$

$$\frac{2}{3}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{4}{6}$$

$$\frac{4}{14}$$

$$\frac{7}{9}$$

$$\frac{4}{16}$$

$$\frac{7}{6}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{4}{7}$$

$$\frac{2}{9}$$

$$\frac{2}{3}$$

$$\frac{2}{7}$$

$$\frac{5}{6}$$

$$\frac{2}{8}$$

$$\frac{5}{8}$$

$$\frac{1}{9}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{2}{8}$$

$$\frac{2}{6}$$

$$\frac{5}{5}$$

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{4}$$

$$\frac{2}{7}$$

$$\frac{4}{18}$$

$$\frac{2}{8}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{3}{7}$$

$$\frac{1}{4}$$

$$\frac{4}{7}$$

$$\frac{8}{9}$$

$$\frac{4}{7}$$

$$\frac{3}{6}$$

$$\frac{8}{9}$$

$$\frac{1}{3}$$

$$\frac{8}{16}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{3}{6}$$

$$\frac{2}{5}$$

$$\frac{4}{6}$$

$$\frac{5}{9}$$

$$\frac{5}{8}$$

$$\frac{1}{7}$$

$$\frac{5}{9}$$

$$\frac{6}{7}$$

$$\frac{8}{9}$$

$$\frac{6}{12}$$

$$\frac{4}{8}$$

$$\frac{2}{3}$$

$$\frac{8}{12}$$

$$\frac{4}{8}$$

$$\frac{4}{6}$$

$$\frac{5}{10}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{8}{9}$$

$$\frac{2}{8}$$

$$\frac{5}{5}$$

$$\frac{4}{7}$$

$$\frac{10}{14}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{10}{16}$$

$$\frac{2}{7}$$

$$\frac{4}{6}$$

$$\frac{5}{6}$$

$$\frac{7}{9}$$

$$\frac{8}{9}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{7}{6}$$

$$\frac{2}{3}$$

$$\frac{5}{8}$$

$$\frac{10}{12}$$

$$\frac{3}{6}$$

$$\frac{2}{9}$$

$$\frac{1}{9}$$

$$\frac{5}{7}$$

$$\frac{4}{6}$$

$$\frac{5}{10}$$

$$\frac{2}{8}$$

$$\frac{3}{7}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

$$\frac{2}{8}$$

$$\frac{5}{9}$$

$$\frac{4}{7}$$

$$\frac{1}{4}$$

$$\frac{5}{9}$$

$$\frac{7}{6}$$

$$\frac{2}{3}$$

$$\frac{6}{9}$$

$$\frac{7}{9}$$

$$\frac{3}{7}$$

$$\frac{8}{9}$$

$$\frac{10}{18}$$

$$\frac{5}{6}$$

$$\frac{5}{10}$$

$$\frac{5}{8}$$

$$\frac{4}{6}$$

$$\frac{7}{9}$$

$$\frac{5}{6}$$

$$\frac{1}{3}$$

$$\frac{3}{6}$$

$$\frac{1}{4}$$

$$\frac{6}{8}$$

$$\frac{6}{7}$$

$$\frac{3}{4}$$

$$\frac{2}{5}$$

$$\frac{4}{12}$$

$$\frac{5}{8}$$

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo

4.3.C–4.3.D–Comp FR with Diff Num & Den –Lo-Veo