

C. 21-9-2021

Ex-11 (B)

1.

a) $\frac{5}{23}, \frac{1}{2}, \frac{8}{11}, \frac{1}{4}$, b) $\frac{6}{18}, \frac{1}{5}, \frac{8}{15}, \frac{9}{11}$

c) $\frac{1}{2}, \frac{3}{4}, \frac{4}{5}, \frac{5}{7}$, d) $\frac{6}{7}, \frac{8}{10}, \frac{1}{7}, \frac{9}{10}$

e) $\frac{7}{13}, \frac{2}{3}, \frac{3}{4}, \frac{1}{4}$

2.

a) $\frac{2}{3}, \frac{7}{15}, \frac{4}{15}, \frac{2}{15} = \frac{2}{3}$, ~~$\frac{2}{4}, \frac{2}{4}, \frac{3}{4}, \frac{6}{7}, \frac{15}{7}, \frac{15}{7}$~~

~~b) $\frac{4}{11}, \frac{9}{11}, \frac{10}{11}, \frac{2}{5} = \frac{2}{5}$~~ , c) $\frac{2}{9}, \frac{7}{9}, \frac{8}{9}, \frac{3}{4} = \frac{3}{4}$

d) $\frac{2}{3}, \frac{1}{8}, \frac{5}{8}, \frac{7}{8} = \frac{2}{3}$, e) $\frac{6}{12}, \frac{1}{6}, \frac{2}{6}, \frac{5}{6} = \frac{6}{12}$

3.

a) $\frac{7}{13}, \frac{5}{13}, \frac{9}{13}, \frac{1}{9}, \frac{2}{9}, \frac{8}{13}$, b) $\frac{1}{4}, \frac{2}{4}, \frac{3}{4}, \frac{6}{7}, \frac{5}{9}, \frac{8}{11}$

c) $\left(\frac{2}{5}\right), \left(\frac{3}{5}\right), \frac{7}{9}, \left(\frac{7}{5}\right), \left(\frac{4}{5}\right),$ d) $\left(\frac{1}{9}\right), \left(\frac{3}{6}\right), \frac{4}{8}, \frac{2}{11}, \left(\frac{4}{6}\right)$

e) $\left(\frac{7}{7}\right), \frac{7}{4}, \left(\frac{2}{7}\right), \frac{2}{3}, \frac{4}{5}, \left(\frac{3}{7}\right)$

4.

a) $\frac{2}{3} = \frac{4}{6}, \frac{6}{9}$ b) $\frac{5}{7} = \frac{25}{35}, \frac{10}{14}$ c) $\frac{6}{11} = \frac{12}{22}, \frac{36}{66}$

d) $\frac{5}{9} = \frac{10}{18}, \frac{25}{81}$ e) $\frac{3}{10} = \frac{6}{20}, \frac{9}{30}$

5.

a) $\frac{5}{8} = \frac{25}{40}$, b) $\frac{3}{4} = \frac{15}{20}$, c) $\frac{7}{9} = \frac{63}{81}$

d) $\frac{4}{5} = \frac{20}{25}$, e) $\frac{15}{25} = \frac{3}{5}$

6.

6. a) $\frac{3}{4} \times \frac{9}{12} = 3 \times 12 = 36$
 $= 4 \times 9 = 36$

It is equivalent

b) $\frac{9}{27} \times \frac{3}{9} = 9 \times 9 = 81$
 $= 3 \times 27 = 81$

It is equivalent

c) $\frac{2}{5} \times \frac{7}{6} = 2 \times 6 = 12$
 $= 5 \times 7 = 35$

It is not equivalent

d) $\frac{5}{9} \times \frac{9}{12} = 5 \times 12 = 60$
 $= 9 \times 9 = 81$

It is not equivalent

e) $\frac{9}{15} \times \frac{3}{5} = 9 \times 5 = 45$
 $= 15 \times 3 = 45$

It is equivalent

f) $\frac{2}{4} \times \frac{9}{12} = \frac{2}{2} \times \frac{12}{12} = 24$
 $\frac{2}{4} \times \frac{9}{12} = 4 \times 9 = 36$

It is not equivalent

g) $\frac{11}{12} \times \frac{7}{9} = 11 \times 9 = 99$
 $\frac{11}{12} \times \frac{7}{9} = 12 \times 7 = 84$

It is not equivalent

h) $\frac{12}{24} \times \frac{5}{8} = 12 \times 8 = 96$
 $\frac{12}{24} \times \frac{5}{8} = 24 \times 5 = 120$

It is not equivalent

i) $\frac{2}{3} \times \frac{12}{18} = 18 \times 2 = 36$
 $\frac{2}{3} \times \frac{12}{18} = 12 \times 3 = 36$

It is equivalent