Esercizi sulla riduzione di frazioni allo stesso denominatore

A. Ridurre le seguenti coppie di frazioni allo stesso minimo comune denominatore (m.c.d.):

1. $\frac{3}{4}$; $\frac{5}{6}$

$\left[\frac{9}{12}\ ;\ \frac{10}{12}\right]$

2. $\frac{6}{5}$; $\frac{8}{3}$

$\left[\frac{18}{15}\ ;\ \frac{40}{15}\right]$

3. $\frac{7}{20}$; $\frac{12}{40}$

$\left[\frac{7}{20}\ ;\ \frac{6}{20}\right]$

4. $\frac{30}{18}$; $\frac{25}{65}$

$\left[\frac{65}{39}\ ;\ \frac{15}{39}\right]$

5. $\frac{24}{15}$; $\frac{18}{40}$

$\left[\frac{32}{20}\ ;\ \frac{9}{20}\right]$

6. $\frac{5}{12}$; $\frac{26}{14}$

$\left[\frac{35}{84}\ ;\ \frac{156}{84}\right]$

7. $\frac{27}{81}$; $\frac{45}{25}$

$\left[\frac{5}{15}\ ;\ \frac{27}{15}\right]$

8. $\frac{30}{48}$; $\frac{75}{120}$

$\left[\frac{5}{8}\ ;\ \frac{5}{8}\right]$

9. $\frac{12}{7}$; $\frac{80}{30}$

$\left[\frac{36}{21}\ ;\ \frac{56}{21}\right]$

10. $\frac{49}{14}$; $\frac{33}{9}$

$\left[\frac{21}{6}\ ;\ \frac{22}{6}\right]$

11. $\frac{210}{105}$; $\frac{99}{121}$

$\left[\frac{22}{11}\ ;\ \frac{9}{11}\right]$

12. $\frac{400}{125}$; $\frac{350}{425}$

$\left[\frac{272}{85}\ ;\ \frac{70}{85}\right]$

B. Ridurre le seguenti terne di frazioni allo stesso minimo comune denominatore (m.c.d.):

13. $\frac{2}{3}\ ;\ \frac{5}{10}\ ;\ \frac{8}{32}$

$\left[\frac{8}{12}\ ;\ \frac{6}{12}\ ;\ \frac{3}{12}\right]$

14. $\frac{12}{7}\ ;\ \frac{20}{15}\ ;\ \frac{9}{3}$

$\left[\frac{36}{21}\ ;\ \frac{28}{21}\ ;\ \frac{63}{21}\right]$

15. $\frac{1}{10}\ ;\ \frac{18}{5}\ ;\ \frac{26}{52}$

$\left[\frac{1}{10}\ ;\ \frac{36}{10}\ ;\ \frac{5}{10}\right]$

16. $\frac{2}{7}\ ;\ \frac{42}{18}\ ;\ \frac{99}{66}$

$\left[\frac{12}{42}\ ;\ \frac{98}{42}\ ;\ \frac{63}{42}\right]$

17. $\frac{100}{40}\ ;\ \frac{25}{45}\ ;\ \frac{8}{9}$

$\left[\frac{45}{18}\ ;\ \frac{10}{18}\ ;\ \frac{16}{18}\right]$

18. $\frac{95}{15}\ ;\ \frac{5}{4}\ ;\ \frac{27}{81}$

$\left[\frac{76}{12}\ ;\ \frac{15}{12}\ ;\ \frac{4}{12}\right]$

19. $\frac{120}{75}\ ;\ \frac{12}{15}\ ;\ \frac{29}{58}$

$\left[\frac{16}{10}\ ;\ \frac{8}{10}\ ;\ \frac{5}{10}\right]$

20. $\frac{81}{45}\ ;\ \frac{6}{60}\ ;\ \frac{28}{7}$

$\left[\frac{18}{10}\ ;\ \frac{1}{10}\ ;\ \frac{40}{10}\right]$

21. $\frac{24}{96}\ ;\ \frac{15}{75}\ ;\ \frac{2}{40}$

$\left[\frac{5}{20}\ ;\ \frac{4}{20}\ ;\ \frac{1}{20}\right]$

22. $\frac{5}{6}\ ;\ \frac{25}{8}\ ;\ \frac{42}{14}$

$\left[\frac{20}{24}\ ;\ \frac{75}{24}\ ;\ \frac{72}{24}\right]$

23. $\frac{26}{40}\ ;\ \frac{28}{50}\ ;\ \frac{30}{80}$

$\left[\frac{130}{200}\ ;\ \frac{112}{200}\ ;\ \frac{75}{200}\right]$

24. $\frac{100}{48}\ ;\ \frac{25}{80}\ ;\ \frac{45}{75}$

$\left[\frac{500}{240}\ ;\ \frac{75}{240}\ ;\ \frac{144}{240}\right]$