

Algebra

Somma e sottrazione con le frazioni (due elementi)

1. $+\frac{3}{4}+\frac{2}{4}=\$

2. $+\frac{4}{3}-\frac{5}{6}=\$

3. $-\frac{5}{6}+\frac{3}{6}=\$

4. $+\frac{13}{10}-\frac{4}{5}=\$

5. $-\frac{7}{2}+\frac{7}{4}=\$

6. $-\frac{4}{3}-\frac{5}{2}=\$

7. $-\frac{1}{5}+\frac{4}{3}=\$

8. $-\frac{3}{10}+\frac{7}{4}=\$

9. $-\frac{4}{5}-\frac{13}{6}=\$

10. $-\frac{7}{4}-\frac{16}{7}=\$

11. $+\frac{1}{2}+\frac{1}{9}=\$

12. $-3-\frac{9}{4}=\$

13. $+\frac{11}{8}-\frac{3}{5}=\$

14. $+\frac{3}{4}+6=\$

Somma e sottrazione con le frazioni (tre elementi)

1. $+\frac{3}{4}+\frac{9}{4}-\frac{5}{4}=\$

2. $-\frac{5}{3}+\frac{7}{3}-\frac{4}{3}=\$

3. $+\frac{4}{3}-\frac{6}{4}+\frac{1}{2}=\$

4. $+1+\frac{3}{5}-\frac{2}{3}=\$

5. $-\frac{5}{6}-\frac{2}{9}+\frac{2}{3}=\$

6. $-\frac{11}{5}+\frac{3}{2}-\frac{11}{10}=\$

7. $-\frac{1}{5}+2-\frac{20}{25}=\$

8. $+\frac{1}{4}+\frac{5}{6}+\frac{7}{9}=\$

9. $+\frac{4}{3}-\frac{1}{8}-1=\$

10. $+\frac{1}{3}-\frac{5}{3}+\frac{5}{7}=\$

11. $-\frac{4}{5}+\frac{31}{35}-\frac{8}{7}=\$

12. $-\frac{5}{8}+\frac{3}{4}-\frac{23}{16}=\$

13. $+\frac{24}{10}-\frac{3}{5}+\frac{2}{3}=\$

14. $+2+\frac{2}{5}-\frac{3}{8}=\$

Somma e sottrazione con le frazioni (quattro o più elementi)

1. $+\frac{4}{5}+\frac{7}{5}-\frac{3}{5}+\frac{10}{5}=\$

2. $-\frac{5}{3}+\frac{2}{1}-\frac{7}{6}+\frac{2}{3}=\$

3. $+\frac{3}{7}-\frac{2}{3}-\frac{4}{7}+1=\$

4. $+\frac{3}{2}-\frac{3}{4}+2-\frac{3}{8}=\$

5. $+\frac{5}{2}-\frac{3}{4}-\frac{4}{3}+\frac{10}{12}=\$

6. $-\frac{2}{3}+\frac{1}{7}+\frac{4}{3}+\frac{20}{21}-1=\$

7. $+8-3-\frac{4}{5}+\frac{3}{5}-2=\$

8. $+\frac{2}{3}+\frac{4}{5}+\frac{1}{2}-\frac{14}{15}=\$

Moltiplicazione tra frazioni (due elementi)

1. $\left(+\frac{4}{3}\right) \cdot \left(+\frac{9}{6}\right) =$

2. $\left(-\frac{9}{10}\right) \cdot \left(+\frac{14}{9}\right) =$

3. $\left(+\frac{16}{25}\right) \cdot \left(-\frac{20}{28}\right) =$

4. $\left(+\frac{13}{30}\right) \cdot \left(+\frac{5}{6}\right) =$

5. $\left(-\frac{36}{27}\right) \cdot \left(-\frac{9}{30}\right) =$

6. $\left(+\frac{20}{9}\right) \cdot \left(-\frac{18}{24}\right) =$

7. $\left(-\frac{42}{8}\right) \cdot \left(-\frac{35}{14}\right) =$

8. $(+16) \cdot \left(+\frac{15}{24}\right) =$

9. $\left(-\frac{34}{15}\right) \cdot \left(+\frac{50}{6}\right) =$

10. $\left(+\frac{13}{4}\right) \cdot \left(+\frac{1}{26}\right) =$

11. $\left(-\frac{42}{16}\right) \cdot \left(-\frac{27}{9}\right) =$

12. $\left(+\frac{22}{18}\right) \cdot \left(+\frac{8}{11}\right) =$

13. $\left(+\frac{10}{8}\right) \cdot \left(-\frac{18}{25}\right) =$

14. $\left(+\frac{15}{10}\right) \cdot (-16) =$

Moltiplicazione tra frazioni (tre elementi)

1. $\left(+\frac{10}{9}\right) \cdot \left(+\frac{18}{4}\right) \cdot \left(+\frac{3}{5}\right) =$

2. $\left(+\frac{12}{10}\right) \cdot \left(-\frac{15}{9}\right) \cdot \left(+\frac{18}{6}\right) =$

3. $(-9) \cdot \left(+\frac{14}{15}\right) \cdot \left(-\frac{12}{21}\right) =$

4. $(-8) \cdot \left(-\frac{16}{35}\right) \cdot \left(-\frac{18}{24}\right) =$

Divisione tra frazioni (due elementi)

1. $\left(+\frac{8}{5}\right) : \left(-\frac{6}{10}\right) =$

2. $\left(+\frac{9}{4}\right) : \left(+\frac{6}{8}\right) =$

3. $\left(-\frac{20}{14}\right) : \left(-\frac{15}{7}\right) =$

4. $\left(+\frac{35}{9}\right) : \left(-\frac{6}{10}\right) =$

5. $\left(-\frac{30}{33}\right) : \left(-\frac{11}{9}\right) =$

6. $\left(-\frac{42}{35}\right) : \left(+\frac{7}{8}\right) =$

7. $\left(+\frac{8}{25}\right) : (-15) =$

8. $\left(-\frac{40}{20}\right) : \left(-\frac{12}{15}\right) =$

9. $\left(-\frac{54}{35}\right) : \left(+\frac{18}{15}\right) =$

10. $\left(+\frac{25}{9}\right) : \left(+\frac{10}{21}\right) =$

11. $(+28) : \left(-\frac{20}{7}\right) =$

12. $\left(-\frac{12}{11}\right) : (-30) =$

13. $\left(+\frac{14}{13}\right) : \left(-\frac{49}{26}\right) =$

14. $\left(-\frac{9}{14}\right) : (-63) =$

Divisione tra frazioni (tre elementi)

1. $\left(-\frac{16}{35}\right) : \left(+\frac{24}{77}\right) : \left(+\frac{8}{11}\right) =$

2. $\left(-\frac{14}{5}\right) : \left(-\frac{21}{15}\right) : \left(+\frac{9}{5}\right) =$

Potenza di un numero relativo

1. $\left(+\frac{4}{5}\right)^2 =$

2. $\left(+\frac{3}{4}\right)^3 =$

3. $\left(-\frac{1}{2}\right)^4 =$

4. $\left(-\frac{3}{6}\right)^2 =$

5. $\left(-\frac{2}{3}\right)^3 =$

6. $\left(+\frac{9}{7}\right)^3 =$

7. $\left(+\frac{4}{9}\right)^0 =$

8. $\left(-\frac{5}{8}\right)^2 =$

9. $\left(-\frac{3}{2}\right)^4 =$

10. $\left(+\frac{2}{3}\right)^5 =$

11. $\left(+\frac{11}{9}\right)^2 =$

12. $\left(-\frac{7}{4}\right)^3 =$

13. $\left(+\frac{13}{11}\right)^1 =$

14. $\left(+\frac{3}{7}\right)^0 =$

Proprietà delle potenze

1. $(-3)^4 \cdot (-3)^5 =$

2. $(+6)^4 \cdot (+6)^3 =$

3. $(-4) \cdot (-4)^{10} =$

4. $(+2)^3 \cdot (+2)^3 \cdot (+2)^7 =$

5. $(-10)^6 \cdot (-10)^3 \cdot (-10)^5 =$

6. $(+16)^4 \cdot (+2)^4 =$

7. $(+12)^5 \cdot (-3)^5 =$

8. $(+4)^7 \cdot (-3)^7 \cdot (+4)^7 =$

9. $(-9)^9 \cdot (+4)^9 \cdot (-2)^9 =$

10. $(+4)^2 \cdot (+3)^2 \cdot (+12)^5 =$

11. $(+4)^8 : (+4)^2 =$

12. $(+5)^{12} : (+5)^6 =$

13. $(+13)^{17} : (+13)^4 =$

14. $(+1)^{12} : (+1)^3 : (+1)^4 =$

15. $(+7)^{19} : (+7)^{10} : (+7)^0 =$

16. $(+10)^3 : (-2)^3 =$

17. $(+27)^8 : (+9)^8 =$

18. $(+36)^9 : (-4)^9 : (-3)^9 =$

19. $(-64)^6 : (+4)^6 : (-8)^6 =$

20. $(+24)^6 : (+3)^6 : (+8)^3 =$

21. $(-4^2)^5 =$

22. $(-3^2)^3 =$

23. $[(-1^4)^5]^2 =$

24. $[(+3^1)^3]^4 =$

25. $[(-3^3)^4]^0 =$

26. $\{[(-2^2)^3]^3\}^4 =$

Potenze di numeri relativi con frazioni

1. $\left(-\frac{2}{3}\right)^2 =$

2. $\left(-\frac{4}{5}\right)^3 =$

3. $\left(-\frac{3}{4}\right)^2 =$

4. $\left(-\frac{2}{3}\right)^4 =$

5. $\left(+\frac{8}{7}\right)^2 =$

6. $\left(-\frac{5}{4}\right)^4 =$

7. $\left(-\frac{10}{9}\right)^2 =$

8. $\left(-\frac{7}{8}\right)^3 =$

9. $\left(-\frac{4^2}{5}\right) =$

10. $\left(-\frac{10}{5^3}\right) =$

11. $\left(-\frac{3^3}{5}\right) =$

12. $\left(-\frac{4^3}{8^2}\right) =$

13. $\left(-\frac{11^2}{1^5}\right) =$

14. $\left(-\frac{12^2}{3^0}\right)^2 =$

Espressioni con potenze di numeri relativi

1. $\left(+\frac{7}{6}-\frac{2}{3}\right)^2 =$

2. $\left(+\frac{7}{5}-\frac{7}{10}\right)^2 =$

3. $\left(-\frac{2}{7}+1\right)^3 =$