Ausdrücke umschreiben Name:

Schreiben Sie jeden Ausdruck in seiner einfachsten Form um.

1) $(\frac{20}{24}Q + 15) - (\frac{2}{6}Q + 5)$

2) $(\frac{4}{5}E - 8) - (\frac{4}{20}E + 20)$

3) $(\frac{2}{3}P - 6) - (\frac{1}{3}P - 19)$

4) $-(\frac{3}{5}F + 5) + (\frac{2}{5}F + 13)$

5) $-(\frac{4}{10}C - 5) + (\frac{12}{40}C + 9)$

6) $-(\frac{7}{10}A - 16) - (\frac{8}{10}A + 11)$

7) $-(\frac{25}{35}B - 10) - (\frac{6}{7}B - 9)$

8) $-(-\frac{8}{12}D + 8) - (\frac{1}{3}D - 12)$

9) $-(\frac{8}{10}T + 16) + (\frac{10}{50}T + 9)$

10) $-(\frac{3}{6}N - 6) + (\frac{1}{6}N + 19)$

Antworten

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Ausdrücke umschreiben

Name: **Lösungsschlüssel**

Schreiben Sie jeden Ausdruck in seiner einfachsten Form um.

1) $(\frac{20}{24}Q + 15) - (\frac{2}{6}Q + 5)$

$\frac{20}{24}Q + 15 - \frac{8}{24}Q - 5$

2) $(\frac{4}{5}E - 8) - (\frac{4}{20}E + 20)$

$\frac{16}{20}E - 8 - \frac{4}{20}E - 20$

3) $(\frac{2}{3}P - 6) - (\frac{1}{3}P - 19)$

$\frac{2}{3}P - 6 - \frac{1}{3}P + 19$

4) $-(\frac{3}{5}F + 5) + (\frac{2}{5}F + 13)$

$-\frac{3}{5}F - 5 + \frac{2}{5}F + 13$

5) $-(\frac{4}{10}C - 5) + (\frac{12}{40}C + 9)$

$-\frac{16}{40}C + 5 + \frac{12}{40}C + 9$

6) $-(\frac{7}{10}A - 16) - (\frac{8}{10}A + 11)$

$-\frac{7}{10}A + 16 - \frac{8}{10}A - 11$

7) $-(\frac{25}{35}B - 10) - (\frac{6}{7}B - 9)$

$-\frac{25}{35}B + 10 - \frac{30}{35}B + 9$

8) $-(-\frac{8}{12}D + 8) - (\frac{1}{3}D - 12)$

$\frac{8}{12}D - 8 - \frac{4}{12}D + 12$

9) $-(\frac{8}{10}T + 16) + (\frac{10}{50}T + 9)$

$-\frac{40}{50}T - 16 + \frac{10}{50}T + 9$

10) $-(\frac{3}{6}N - 6) + (\frac{1}{6}N + 19)$

$-\frac{3}{6}N + 6 + \frac{1}{6}N + 19$

Antworten

1. $\frac{12}{24}Q+10$
2. $\frac{12}{20}E-28$
3. $\frac{1}{3}P+13$
4. $-\frac{1}{5}F+8$
5. $-\frac{4}{40}C+4$
6. $-\frac{15}{10}A+5$
7. $-\frac{55}{35}B+19$
8. $\frac{4}{12}D+4$
9. $-\frac{30}{50}T-7$
10. $-\frac{2}{6}N+13$

1-10	90	80	70	60	50	40	30	20	10	0