



Упростите каждое выражение.

1)  $(\frac{10}{20}P + 6) - (\frac{3}{4}P + 6)$

2)  $(\frac{1}{4}Q - 9) - (\frac{2}{4}Q + 8)$

3)  $(\frac{7}{8}E - 2) - (\frac{18}{24}E - 16)$

4)  $-(\frac{1}{8}C + 2) + (\frac{25}{40}C + 7)$

5)  $-(\frac{2}{9}W - 5) + (\frac{8}{9}W + 17)$

6)  $-(\frac{3}{5}D - 3) - (\frac{10}{25}D + 16)$

7)  $-(\frac{8}{18}Y - 20) - (\frac{3}{9}Y - 17)$

8)  $-(\frac{1}{8}T + 6) - (\frac{14}{16}T - 12)$

9)  $-(\frac{1}{6}A - 17) + (\frac{3}{6}A + 12)$

10)  $-(\frac{4}{5}M - 7) - (\frac{15}{25}M - 2)$

**ОТВЕТЫ**

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Упростите каждое выражение.

1)  $(\frac{10}{20}P + 6) - (\frac{3}{4}P + 6)$

$$\frac{10}{20}P + 6 - \frac{15}{20}P - 6$$

2)  $(\frac{1}{4}Q - 9) - (\frac{2}{4}Q + 8)$

$$\frac{1}{4}Q - 9 - \frac{2}{4}Q - 8$$

3)  $(\frac{7}{8}E - 2) - (\frac{18}{24}E - 16)$

$$\frac{21}{24}E - 2 - \frac{18}{24}E + 16$$

4)  $-(\frac{1}{8}C + 2) + (\frac{25}{40}C + 7)$

$$-\frac{5}{40}C - 2 + \frac{25}{40}C + 7$$

5)  $-(\frac{2}{9}W - 5) + (\frac{8}{9}W + 17)$

$$-\frac{2}{9}W + 5 + \frac{8}{9}W + 17$$

6)  $-(\frac{3}{5}D - 3) - (\frac{10}{25}D + 16)$

$$-\frac{15}{25}D + 3 - \frac{10}{25}D - 16$$

7)  $-(\frac{8}{18}Y - 20) - (\frac{3}{9}Y - 17)$

$$-\frac{8}{18}Y + 20 - \frac{6}{18}Y + 17$$

8)  $-(\frac{1}{8}T + 6) - (\frac{14}{16}T - 12)$

$$\frac{2}{16}T - 6 - \frac{14}{16}T + 12$$

9)  $-(\frac{1}{6}A - 17) + (\frac{3}{6}A + 12)$

$$-\frac{1}{6}A + 17 + \frac{3}{6}A + 12$$

10)  $-(\frac{4}{5}M - 7) - (\frac{15}{25}M - 2)$

$$-\frac{20}{25}M + 7 - \frac{15}{25}M + 2$$

**ОТВЕТЫ**

1.  $-\frac{5}{20}P+0$

2.  $-\frac{1}{4}Q-17$

3.  $\frac{3}{24}E+14$

4.  $\frac{20}{40}C+5$

5.  $\frac{6}{9}W+12$

6.  $-\frac{25}{25}D-13$

7.  $-\frac{14}{18}Y+37$

8.  $-\frac{12}{16}T+6$

9.  $\frac{2}{6}A-5$

10.  $-\frac{35}{25}M+9$



Упростите каждое выражение.

1)  $(\frac{15}{40}N + 6) - (\frac{1}{8}N + 18)$

2)  $(\frac{6}{8}Z - 16) - (\frac{1}{4}Z + 18)$

3)  $(\frac{1}{7}K - 11) - (\frac{30}{35}K - 3)$

4)  $-(\frac{7}{9}C + 7) + (\frac{8}{36}C + 5)$

5)  $-(\frac{6}{9}H - 3) + (\frac{1}{9}H + 5)$

6)  $-(\frac{3}{5}W - 9) - (\frac{6}{15}W + 10)$

7)  $-(\frac{15}{24}V - 20) - (\frac{3}{8}V - 11)$

8)  $-(\frac{3}{12}F + 18) - (\frac{3}{4}F - 13)$

9)  $(\frac{2}{3}X - 16) - (\frac{3}{9}X - 5)$

10)  $-(\frac{4}{5}G - 15) - (\frac{3}{5}G + 6)$

**ОТВЕТЫ**

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Упростите каждое выражение.

1)  $(\frac{15}{40}N + 6) - (\frac{1}{8}N + 18)$

$$\frac{15}{40}N + 6 - \frac{5}{40}N - 18$$

2)  $(\frac{6}{8}Z - 16) - (\frac{1}{4}Z + 18)$

$$\frac{6}{8}Z - 16 - \frac{2}{8}Z - 18$$

3)  $(\frac{1}{7}K - 11) - (\frac{30}{35}K - 3)$

$$\frac{5}{35}K - 11 - \frac{30}{35}K + 3$$

4)  $-(\frac{7}{9}C + 7) + (\frac{8}{36}C + 5)$

$$-\frac{28}{36}C - 7 + \frac{8}{36}C + 5$$

5)  $-(\frac{6}{9}H - 3) + (\frac{1}{9}H + 5)$

$$-\frac{6}{9}H + 3 + \frac{1}{9}H + 5$$

6)  $-(\frac{3}{5}W - 9) - (\frac{6}{15}W + 10)$

$$-\frac{9}{15}W + 9 - \frac{6}{15}W - 10$$

7)  $-(\frac{15}{24}V - 20) - (\frac{3}{8}V - 11)$

$$-\frac{15}{24}V + 20 - \frac{9}{24}V + 11$$

8)  $-(\frac{3}{12}F + 18) - (\frac{3}{4}F - 13)$

$$\frac{3}{12}F - 18 - \frac{9}{12}F + 13$$

9)  $(\frac{2}{3}X - 16) - (\frac{3}{9}X - 5)$

$$\frac{6}{9}X - 16 - \frac{3}{9}X + 5$$

10)  $-(\frac{4}{5}G - 15) - (\frac{3}{5}G + 6)$

$$-\frac{4}{5}G + 15 - \frac{3}{5}G - 6$$

**ОТВЕТЫ**

1.  $\frac{10}{40}N - 12$

2.  $\frac{4}{8}Z - 34$

3.  $-\frac{25}{35}K - 8$

4.  $-\frac{20}{36}C - 2$

5.  $-\frac{5}{9}H + 2$

6.  $-\frac{15}{15}W - 1$

7.  $-\frac{24}{24}V + 31$

8.  $-\frac{6}{12}F - 5$

9.  $\frac{3}{9}X - 11$

10.  $-\frac{7}{5}G + 9$



Упростите каждое выражение.

1)  $(\frac{3}{4}T + 13) - (\frac{10}{20}T + 10)$

2)  $(\frac{16}{20}K - 20) - (\frac{1}{5}K + 17)$

3)  $(\frac{2}{3}C - 15) - (\frac{4}{12}C - 16)$

4)  $-(\frac{4}{5}A + 2) + (\frac{3}{15}A + 4)$

5)  $-(\frac{10}{20}H - 19) + (\frac{2}{10}H + 11)$

6)  $-(\frac{2}{7}F - 3) - (\frac{1}{7}F + 12)$

7)  $-(\frac{6}{8}Z - 2) - (\frac{2}{4}Z - 9)$

8)  $-(\frac{4}{14}E + 11) - (\frac{3}{7}E - 3)$

9)  $(\frac{6}{15}R + 17) + (\frac{1}{5}R + 15)$

10)  $(\frac{2}{3}V - 8) - (\frac{1}{3}V - 15)$

**ОТВЕТЫ**

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Упростите каждое выражение.

1)  $(\frac{3}{4}T + 13) - (\frac{10}{20}T + 10)$

$$\frac{15}{20}T + 13 - \frac{10}{20}T - 10$$

2)  $(\frac{16}{20}K - 20) - (\frac{1}{5}K + 17)$

$$\frac{16}{20}K - 20 - \frac{4}{20}K - 17$$

3)  $(\frac{2}{3}C - 15) - (\frac{4}{12}C - 16)$

$$\frac{8}{12}C - 15 - \frac{4}{12}C + 16$$

4)  $-(\frac{4}{5}A + 2) + (\frac{3}{15}A + 4)$

$$-\frac{12}{15}A - 2 + \frac{3}{15}A + 4$$

5)  $-(\frac{10}{20}H - 19) + (\frac{2}{10}H + 11)$

$$-\frac{10}{20}H + 19 + \frac{4}{20}H + 11$$

6)  $-(\frac{2}{7}F - 3) - (\frac{1}{7}F + 12)$

$$-\frac{2}{7}F + 3 - \frac{1}{7}F - 12$$

7)  $-(\frac{6}{8}Z - 2) - (\frac{2}{4}Z - 9)$

$$-\frac{6}{8}Z + 2 - \frac{4}{8}Z + 9$$

8)  $-(\frac{4}{14}E + 11) - (\frac{3}{7}E - 3)$

$$\frac{4}{14}E - 11 - \frac{6}{14}E + 3$$

9)  $(\frac{6}{15}R + 17) + (\frac{1}{5}R + 15)$

$$\frac{6}{15}R + 17 + \frac{3}{15}R + 15$$

10)  $(\frac{2}{3}V - 8) - (\frac{1}{3}V - 15)$

$$\frac{2}{3}V - 8 - \frac{1}{3}V + 15$$

**ОТВЕТЫ**

1.  $\frac{5}{20}T + 3$

2.  $\frac{12}{20}K - 37$

3.  $\frac{4}{12}C + 1$

4.  $-\frac{9}{15}A + 2$

5.  $-\frac{6}{20}H - 8$

6.  $-\frac{3}{7}F - 9$

7.  $-\frac{10}{8}Z + 11$

8.  $-\frac{2}{14}E - 8$

9.  $\frac{9}{15}R + 32$

10.  $\frac{1}{3}V + 7$



Упростите каждое выражение.

**ОТВЕТЫ**

1)  $(\frac{10}{20}R + 13) - (\frac{3}{4}R + 15)$

1. \_\_\_\_\_

2)  $(\frac{5}{7}V - 14) - (\frac{4}{7}V + 8)$

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3)  $(\frac{5}{9}Q - 5) - (\frac{3}{9}Q - 13)$

3. \_\_\_\_\_

4)  $-(\frac{3}{5}W + 2) + (\frac{4}{5}W + 12)$

4. \_\_\_\_\_

5)  $-(\frac{7}{9}Y - 3) + (\frac{15}{27}Y + 20)$

5. \_\_\_\_\_

6)  $-(\frac{2}{3}E - 17) - (\frac{5}{15}E + 10)$

6. \_\_\_\_\_

7)  $-(\frac{1}{3}B - 2) - (\frac{10}{15}B - 4)$

7. \_\_\_\_\_

8)  $-(\frac{5}{10}D + 13) - (\frac{36}{40}D - 10)$

8. \_\_\_\_\_

9)  $-(\frac{8}{10}G - 5) - (\frac{3}{10}G + 12)$

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10)  $(\frac{3}{7}C - 12) - (\frac{12}{21}C - 4)$

10. \_\_\_\_\_



Упростите каждое выражение.

1)  $(\frac{10}{20}R + 13) - (\frac{3}{4}R + 15)$

$$\frac{10}{20}R + 13 - \frac{15}{20}R - 15$$

2)  $(\frac{5}{7}V - 14) - (\frac{4}{7}V + 8)$

$$\frac{5}{7}V - 14 - \frac{4}{7}V - 8$$

3)  $(\frac{5}{9}Q - 5) - (\frac{3}{9}Q - 13)$

$$\frac{5}{9}Q - 5 - \frac{3}{9}Q + 13$$

4)  $-(\frac{3}{5}W + 2) + (\frac{4}{5}W + 12)$

$$-\frac{3}{5}W - 2 + \frac{4}{5}W + 12$$

5)  $-(\frac{7}{9}Y - 3) + (\frac{15}{27}Y + 20)$

$$-\frac{21}{27}Y + 3 + \frac{15}{27}Y + 20$$

6)  $-(\frac{2}{3}E - 17) - (\frac{5}{15}E + 10)$

$$-\frac{10}{15}E + 17 - \frac{5}{15}E - 10$$

7)  $-(\frac{1}{3}B - 2) - (\frac{10}{15}B - 4)$

$$-\frac{5}{15}B + 2 - \frac{10}{15}B + 4$$

8)  $-(\frac{5}{10}D + 13) - (\frac{36}{40}D - 10)$

$$\frac{20}{40}D - 13 - \frac{36}{40}D + 10$$

9)  $-(\frac{8}{10}G - 5) - (\frac{3}{10}G + 12)$

$$-\frac{8}{10}G + 5 - \frac{3}{10}G - 12$$

10)  $(\frac{3}{7}C - 12) - (\frac{12}{21}C - 4)$

$$\frac{9}{21}C - 12 - \frac{12}{21}C + 4$$

**ОТВЕТЫ**

1.  $-\frac{5}{20}R - 2$

2.  $\frac{1}{7}V - 22$

3.  $\frac{2}{9}Q + 8$

4.  $\frac{1}{5}W + 10$

5.  $-\frac{6}{27}Y + 17$

6.  $-\frac{15}{15}E + 7$

7.  $-\frac{15}{15}B + 6$

8.  $-\frac{16}{40}D - 3$

9.  $-\frac{11}{10}G - 7$

10.  $-\frac{3}{21}C - 8$





Упростите каждое выражение.

1)  $(\frac{4}{6}T + 11) - (\frac{3}{6}T + 3)$

2)  $(\frac{2}{8}R - 12) - (\frac{18}{24}R + 4)$

3)  $(\frac{4}{14}C - 11) - (\frac{4}{7}C - 7)$

4)  $-(\frac{1}{4}W + 10) + (\frac{6}{12}W + 17)$

5)  $-(\frac{2}{3}G - 15) + (\frac{1}{3}G + 8)$

6)  $-(\frac{20}{24}M - 12) - (\frac{2}{6}M + 9)$

7)  $-(\frac{1}{10}H - 3) - (\frac{8}{10}H - 16)$

8)  $-(\frac{18}{30}X + 11) - (\frac{3}{10}X - 3)$

9)  $-(\frac{2}{3}Z + 20) - (\frac{2}{6}Z - 10)$

10)  $-(\frac{2}{3}E + 6) - (\frac{1}{3}E - 10)$

**ОТВЕТЫ**

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Упростите каждое выражение.

1)  $(\frac{4}{6}T + 11) - (\frac{3}{6}T + 3)$

$$\frac{4}{6}T + 11 - \frac{3}{6}T - 3$$

2)  $(\frac{2}{8}R - 12) - (\frac{18}{24}R + 4)$

$$\frac{6}{24}R - 12 - \frac{18}{24}R - 4$$

3)  $(\frac{4}{14}C - 11) - (\frac{4}{7}C - 7)$

$$\frac{4}{14}C - 11 - \frac{8}{14}C + 7$$

4)  $-(\frac{1}{4}W + 10) + (\frac{6}{12}W + 17)$

$$-\frac{3}{12}W - 10 + \frac{6}{12}W + 17$$

5)  $-(\frac{2}{3}G - 15) + (\frac{1}{3}G + 8)$

$$-\frac{2}{3}G + 15 + \frac{1}{3}G + 8$$

6)  $-(\frac{20}{24}M - 12) - (\frac{2}{6}M + 9)$

$$-\frac{20}{24}M + 12 - \frac{8}{24}M - 9$$

7)  $-(\frac{1}{10}H - 3) - (\frac{8}{10}H - 16)$

$$-\frac{1}{10}H + 3 - \frac{8}{10}H + 16$$

8)  $-(\frac{18}{30}X + 11) - (\frac{3}{10}X - 3)$

$$\frac{18}{30}X - 11 - \frac{9}{30}X + 3$$

9)  $-(\frac{2}{3}Z + 20) - (\frac{2}{6}Z - 10)$

$$\frac{4}{6}Z - 20 - \frac{2}{6}Z + 10$$

10)  $-(\frac{2}{3}E + 6) - (\frac{1}{3}E - 10)$

$$\frac{2}{3}E - 6 - \frac{1}{3}E + 10$$

**ОТВЕТЫ**

1.  $\frac{1}{6}T + 8$

2.  $-\frac{12}{24}R - 16$

3.  $-\frac{4}{14}C - 4$

4.  $\frac{3}{12}W + 7$

5.  $-\frac{1}{3}G - 7$

6.  $-\frac{28}{24}M + 3$

7.  $-\frac{9}{10}H + 19$

8.  $\frac{9}{30}X - 8$

9.  $\frac{2}{6}Z - 10$

10.  $\frac{1}{3}E + 4$



Упростите каждое выражение.

1)  $(\frac{1}{3}A + 13) - (\frac{2}{3}A + 9)$

2)  $(\frac{9}{10}F - 9) - (\frac{40}{50}F + 13)$

3)  $(\frac{2}{4}P - 17) - (\frac{5}{20}P - 13)$

4)  $-(\frac{1}{8}W + 14) + (\frac{6}{8}W + 4)$

5)  $-(\frac{10}{15}B - 10) + (\frac{1}{3}B + 18)$

6)  $-(\frac{32}{36}M - 5) - (\frac{6}{9}M + 19)$

7)  $-(\frac{24}{40}C - 19) - (\frac{7}{10}C - 6)$

8)  $-(\frac{20}{25}H + 15) - (\frac{3}{5}H - 17)$

9)  $-(\frac{3}{8}V - 12) - (\frac{16}{32}V - 8)$

10)  $-(\frac{1}{6}Z + 5) + (\frac{5}{6}Z + 15)$

**ОТВЕТЫ**

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Упростите каждое выражение.

1)  $(\frac{1}{3}A + 13) - (\frac{2}{3}A + 9)$

$$\frac{1}{3}A + 13 - \frac{2}{3}A - 9$$

2)  $(\frac{9}{10}F - 9) - (\frac{40}{50}F + 13)$

$$\frac{45}{50}F - 9 - \frac{40}{50}F - 13$$

3)  $(\frac{2}{4}P - 17) - (\frac{5}{20}P - 13)$

$$\frac{10}{20}P - 17 - \frac{5}{20}P + 13$$

4)  $-(\frac{1}{8}W + 14) + (\frac{6}{8}W + 4)$

$$-\frac{1}{8}W - 14 + \frac{6}{8}W + 4$$

5)  $-(\frac{10}{15}B - 10) + (\frac{1}{3}B + 18)$

$$-\frac{10}{15}B + 10 + \frac{5}{15}B + 18$$

6)  $-(\frac{32}{36}M - 5) - (\frac{6}{9}M + 19)$

$$-\frac{32}{36}M + 5 - \frac{24}{36}M - 19$$

7)  $-(\frac{24}{40}C - 19) - (\frac{7}{10}C - 6)$

$$-\frac{24}{40}C + 19 - \frac{28}{40}C + 6$$

8)  $-(\frac{20}{25}H + 15) - (\frac{3}{5}H - 17)$

$$\frac{20}{25}H - 15 - \frac{15}{25}H + 17$$

9)  $-(\frac{3}{8}V - 12) - (\frac{16}{32}V - 8)$

$$-\frac{12}{32}V + 12 - \frac{16}{32}V + 8$$

10)  $-(\frac{1}{6}Z + 5) + (\frac{5}{6}Z + 15)$

$$-\frac{1}{6}Z - 5 + \frac{5}{6}Z + 15$$

**ОТВЕТЫ**

1.  $-\frac{1}{3}A + 4$

2.  $\frac{5}{50}F - 22$

3.  $\frac{5}{20}P - 4$

4.  $\frac{5}{8}W - 10$

5.  $-\frac{5}{15}B + 8$

6.  $-\frac{56}{36}M - 14$

7.  $-\frac{52}{40}C + 25$

8.  $\frac{5}{25}H + 2$

9.  $-\frac{28}{32}V + 20$

10.  $\frac{4}{6}Z + 10$



Упростите каждое выражение.

1)  $(\frac{2}{9}N + 9) - (\frac{15}{27}N + 9)$

2)  $(\frac{2}{7}X - 13) - (\frac{4}{28}X + 16)$

3)  $(\frac{3}{6}Q - 9) - (\frac{4}{24}Q - 3)$

4)  $-(\frac{1}{6}V + 6) + (\frac{5}{6}V + 7)$

5)  $-(\frac{2}{4}D - 18) + (\frac{1}{4}D + 18)$

6)  $-(\frac{2}{5}T - 14) - (\frac{4}{5}T + 11)$

7)  $-(\frac{2}{3}W - 17) - (\frac{5}{15}W - 19)$

8)  $-(\frac{5}{7}P + 20) - (\frac{4}{7}P - 10)$

9)  $-(\frac{4}{8}Z - 18) + (\frac{6}{16}Z + 11)$

10)  $-(\frac{7}{9}C - 3) + (\frac{8}{36}C + 17)$

**ОТВЕТЫ**

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Упростите каждое выражение.

1)  $(\frac{2}{9}N + 9) - (\frac{15}{27}N + 9)$

$$\frac{6}{27}N + 9 - \frac{15}{27}N - 9$$

2)  $(\frac{2}{7}X - 13) - (\frac{4}{28}X + 16)$

$$\frac{8}{28}X - 13 - \frac{4}{28}X - 16$$

3)  $(\frac{3}{6}Q - 9) - (\frac{4}{24}Q - 3)$

$$\frac{12}{24}Q - 9 - \frac{4}{24}Q + 3$$

4)  $-(\frac{1}{6}V + 6) + (\frac{5}{6}V + 7)$

$$-\frac{1}{6}V - 6 + \frac{5}{6}V + 7$$

5)  $-(\frac{2}{4}D - 18) + (\frac{1}{4}D + 18)$

$$-\frac{2}{4}D + 18 + \frac{1}{4}D + 18$$

6)  $-(\frac{2}{5}T - 14) - (\frac{4}{5}T + 11)$

$$-\frac{2}{5}T + 14 - \frac{4}{5}T - 11$$

7)  $-(\frac{2}{3}W - 17) - (\frac{5}{15}W - 19)$

$$-\frac{10}{15}W + 17 - \frac{5}{15}W + 19$$

8)  $-(\frac{5}{7}P + 20) - (\frac{4}{7}P - 10)$

$$\frac{5}{7}P - 20 - \frac{4}{7}P + 10$$

9)  $-(\frac{4}{8}Z - 18) + (\frac{6}{16}Z + 11)$

$$-\frac{8}{16}Z + 18 + \frac{6}{16}Z + 11$$

10)  $-(\frac{7}{9}C - 3) + (\frac{8}{36}C + 17)$

$$-\frac{28}{36}C + 3 + \frac{8}{36}C + 17$$

**ОТВЕТЫ**

1.  $-\frac{9}{27}N + 0$

2.  $\frac{4}{28}X - 29$

3.  $\frac{8}{24}Q - 6$

4.  $\frac{4}{6}V + 1$

5.  $-\frac{1}{4}D + 0$

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

7.  $-\frac{15}{15}W + 36$

8.  $\frac{1}{7}P - 10$

9.  $-\frac{2}{16}Z - 7$

10.  $-\frac{20}{36}C + 14$



Упростите каждое выражение.

**ОТВЕТЫ**

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

1. \_\_\_\_\_

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

2. \_\_\_\_\_

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

3. \_\_\_\_\_

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

4. \_\_\_\_\_

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

5. \_\_\_\_\_

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

6. \_\_\_\_\_

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

7. \_\_\_\_\_

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

8. \_\_\_\_\_

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

9. \_\_\_\_\_

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

10. \_\_\_\_\_



Упростите каждое выражение.

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

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

**ОТВЕТЫ**

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.  $-\frac{2}{6}N + 13$





Упростите каждое выражение.

1)  $(\frac{7}{8}F + 13) - (\frac{2}{8}F + 8)$

2)  $(\frac{12}{28}V - 15) - (\frac{2}{7}V + 2)$

3)  $(\frac{4}{20}N - 11) - (\frac{2}{5}N - 16)$

4)  $-(\frac{32}{40}A + 13) + (\frac{6}{10}A + 15)$

5)  $-(\frac{16}{28}X - 6) + (\frac{6}{7}X + 4)$

6)  $-(\frac{3}{4}C - 18) - (\frac{2}{4}C + 20)$

7)  $-(\frac{4}{6}T - 10) - (\frac{3}{6}T - 18)$

8)  $-(\frac{7}{8}R + 9) - (\frac{15}{40}R - 12)$

9)  $-(\frac{4}{6}H - 5) - (\frac{5}{6}H - 9)$

10)  $(\frac{1}{3}K - 15) - (\frac{4}{6}K - 18)$

**ОТВЕТЫ**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Упростите каждое выражение.

1)  $(\frac{7}{8}F + 13) - (\frac{2}{8}F + 8)$

$$\frac{7}{8}F + 13 - \frac{2}{8}F - 8$$

2)  $(\frac{12}{28}V - 15) - (\frac{2}{7}V + 2)$

$$\frac{12}{28}V - 15 - \frac{8}{28}V - 2$$

3)  $(\frac{4}{20}N - 11) - (\frac{2}{5}N - 16)$

$$\frac{4}{20}N - 11 - \frac{8}{20}N + 16$$

4)  $-(\frac{32}{40}A + 13) + (\frac{6}{10}A + 15)$

$$-\frac{32}{40}A - 13 + \frac{24}{40}A + 15$$

5)  $-(\frac{16}{28}X - 6) + (\frac{6}{7}X + 4)$

$$-\frac{16}{28}X + 6 + \frac{24}{28}X + 4$$

6)  $-(\frac{3}{4}C - 18) - (\frac{2}{4}C + 20)$

$$-\frac{3}{4}C + 18 - \frac{2}{4}C - 20$$

7)  $-(\frac{4}{6}T - 10) - (\frac{3}{6}T - 18)$

$$-\frac{4}{6}T + 10 - \frac{3}{6}T + 18$$

8)  $-(\frac{7}{8}R + 9) - (\frac{15}{40}R - 12)$

$$\frac{35}{40}R - 9 - \frac{15}{40}R + 12$$

9)  $-(\frac{4}{6}H - 5) - (\frac{5}{6}H - 9)$

$$-\frac{4}{6}H + 5 - \frac{5}{6}H + 9$$

10)  $(\frac{1}{3}K - 15) - (\frac{4}{6}K - 18)$

$$\frac{2}{6}K - 15 - \frac{4}{6}K + 18$$

**ОТВЕТЫ**

1.  $\frac{5}{8}F + 5$

2.  $\frac{4}{28}V - 17$

3.  $-\frac{4}{20}N + 5$

4.  $-\frac{8}{40}A + 2$

5.  $\frac{8}{28}X - 2$

6.  $-\frac{5}{4}C - 2$

7.  $-\frac{7}{6}T + 28$

8.  $\frac{20}{40}R + 3$

9.  $-\frac{9}{6}H + 14$

10.  $-\frac{2}{6}K + 3$



Упростите каждое выражение.

1)  $(\frac{2}{7}P + 12) - (\frac{15}{35}P + 18)$

2)  $(\frac{5}{8}D - 20) - (\frac{12}{16}D + 13)$

3)  $(\frac{10}{25}Z - 16) - (\frac{4}{5}Z - 17)$

4)  $-(\frac{6}{9}F + 17) + (\frac{7}{9}F + 10)$

5)  $-(\frac{2}{5}T - 4) + (\frac{4}{5}T + 19)$

6)  $-(\frac{5}{7}Q - 6) - (\frac{20}{35}Q + 2)$

7)  $-(\frac{20}{30}X - 7) - (\frac{3}{6}X - 16)$

8)  $-(\frac{8}{10}R + 11) - (\frac{4}{20}R - 2)$

9)  $-(\frac{28}{36}G + 18) + (\frac{3}{9}G + 8)$

10)  $(\frac{1}{7}V + 9) - (\frac{2}{7}V + 16)$

**ОТВЕТЫ**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Упростите каждое выражение.

1)  $(\frac{2}{7}P + 12) - (\frac{15}{35}P + 18)$

$$\frac{10}{35}P + 12 - \frac{15}{35}P - 18$$

2)  $(\frac{5}{8}D - 20) - (\frac{12}{16}D + 13)$

$$\frac{10}{16}D - 20 - \frac{12}{16}D - 13$$

3)  $(\frac{10}{25}Z - 16) - (\frac{4}{5}Z - 17)$

$$\frac{10}{25}Z - 16 - \frac{20}{25}Z + 17$$

4)  $-(\frac{6}{9}F + 17) + (\frac{7}{9}F + 10)$

$$-\frac{6}{9}F - 17 + \frac{7}{9}F + 10$$

5)  $-(\frac{2}{5}T - 4) + (\frac{4}{5}T + 19)$

$$-\frac{2}{5}T + 4 + \frac{4}{5}T + 19$$

6)  $-(\frac{5}{7}Q - 6) - (\frac{20}{35}Q + 2)$

$$-\frac{25}{35}Q + 6 - \frac{20}{35}Q - 2$$

7)  $-(\frac{20}{30}X - 7) - (\frac{3}{6}X - 16)$

$$-\frac{20}{30}X + 7 - \frac{15}{30}X + 16$$

8)  $-(\frac{8}{10}R + 11) - (\frac{4}{20}R - 2)$

$$\frac{16}{20}R - 11 - \frac{4}{20}R + 2$$

9)  $-(\frac{28}{36}G + 18) + (\frac{3}{9}G + 8)$

$$-\frac{28}{36}G - 18 + \frac{12}{36}G + 8$$

10)  $(\frac{1}{7}V + 9) - (\frac{2}{7}V + 16)$

$$\frac{1}{7}V + 9 - \frac{2}{7}V - 16$$

**ОТВЕТЫ**

1.  $-\frac{5}{35}P - 6$

2.  $-\frac{2}{16}D - 33$

3.  $-\frac{10}{25}Z + 1$

4.  $\frac{1}{9}F - 7$

5.  $\frac{2}{5}T + 15$

6.  $-\frac{45}{35}Q + 4$

7.  $-\frac{35}{30}X + 23$

8.  $\frac{12}{20}R - 9$

9.  $-\frac{16}{36}G - 10$

10.  $-\frac{1}{7}V - 7$