



Rewrite each expression in its simplest form.

Answers

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

1. _____

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

2. _____

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

3. _____

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

4. _____

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

5. _____

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

6. _____

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

7. _____

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

8. _____

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

9. _____

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

10. _____



Rewrite each expression in its simplest form.

Answers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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