

Simplify each expression. No answers included. You will write the correct answers on the back of this sheet when we correct this tomorrow in class. Then you will have another source of problems with answers to use when you review for the exam.

1) $-\frac{5}{2}n + \frac{5}{2}\left(\frac{1}{2}n + \frac{1}{3}\right)$

2) $b + \frac{5}{2}\left(\frac{5}{2}b + \frac{5}{2}\right)$

3) $-\frac{4}{3}v + \frac{3}{2}\left(v + \frac{5}{2}\right)$

4) $-2x - \frac{3}{2}\left(-\frac{3}{2}x - \frac{2}{3}\right)$

5) $\frac{5}{2}\left(-3n + \frac{3}{2}\right) + \frac{5}{2}n$

6) $3 - \frac{10}{3}\left(\frac{5}{2}a - 1\right)$

7) $-\frac{10}{3}k + \frac{5}{3}\left(\frac{3}{2}k + \frac{4}{3}\right)$

8) $-\frac{3}{2}\left(x + \frac{2}{3}\right) - \frac{4}{3}$

9) $\frac{1}{3}\left(-\frac{10}{3}x + 1\right) - \frac{3}{2}x$

10) $\frac{1}{2}\left(\frac{1}{2}n - \frac{5}{2}\right) + \frac{1}{3}$