



Expand each expression.

1) $\frac{2}{7}(\frac{1}{7}b - \frac{6}{5})$

2) $-\frac{2}{4}(-\frac{2}{6}c - \frac{3}{9})$

3) $\frac{4}{8}(\frac{5}{6}d + \frac{2}{4})$

4) $\frac{3}{9}(\frac{2}{5}e - \frac{2}{8})$

5) $-\frac{4}{5}(\frac{1}{5}f - \frac{3}{2})$

6) $-\frac{4}{5}(\frac{4}{9}g + \frac{6}{2})$

7) $\frac{2}{3}(\frac{6}{9}h - \frac{3}{4})$

8) $\frac{3}{8}(\frac{6}{8}i + \frac{6}{7})$

9) $\frac{3}{5}(\frac{1}{2}j - \frac{1}{9})$

10) $-\frac{2}{5}(\frac{1}{4}k - \frac{1}{2})$

11) $\frac{2}{3}(\frac{3}{4}m - \frac{2}{9})$

12) $\frac{4}{9}(\frac{8}{9}n + \frac{3}{8})$

13) $-\frac{3}{6}(\frac{5}{7}p + \frac{1}{3})$

14) $-\frac{3}{9}(\frac{1}{2}r - \frac{1}{6})$

15) $-\frac{3}{9}(\frac{1}{5}t + \frac{3}{4})$

16) $\frac{3}{4}(\frac{1}{8}u + \frac{7}{2})$

17) $-\frac{2}{6}(-\frac{1}{2}v - \frac{1}{2})$

18) $-\frac{2}{9}(\frac{3}{5}w + \frac{3}{5})$

19) $\frac{4}{6}(\frac{5}{7}y - \frac{6}{4})$

20) $\frac{3}{7}(\frac{2}{4}z - \frac{1}{8})$

Answers

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Answers

1. $\frac{2}{49}b - \frac{12}{35}$

2. $\frac{4}{24}c + \frac{6}{36}$

3. $\frac{20}{48}d + \frac{8}{32}$

4. $\frac{6}{45}e - \frac{6}{72}$

5. $-\frac{4}{25}f + \frac{12}{10}$

6. $-\frac{16}{45}g - \frac{24}{10}$

7. $\frac{12}{27}h - \frac{6}{12}$

8. $\frac{18}{64}i + \frac{18}{56}$

9. $\frac{3}{10}j - \frac{3}{45}$

10. $-\frac{2}{20}k + \frac{2}{10}$

11. $\frac{6}{12}m - \frac{4}{27}$

12. $\frac{32}{81}n + \frac{12}{72}$

13. $-\frac{15}{42}p - \frac{3}{18}$

14. $-\frac{3}{18}r + \frac{3}{54}$

15. $-\frac{3}{45}t - \frac{9}{36}$

16. $\frac{3}{32}u + \frac{21}{8}$

17. $\frac{2}{12}v + \frac{2}{12}$

18. $-\frac{6}{45}w - \frac{6}{45}$

19. $\frac{20}{42}y - \frac{24}{24}$

20. $\frac{6}{28}z - \frac{3}{56}$