



Expand each expression.

1) $\frac{4}{7}(\frac{2}{3}b + \frac{1}{2})$

2) $-\frac{3}{5}(\frac{6}{7}c - \frac{2}{8})$

3) $-\frac{2}{5}(\frac{3}{5}d + \frac{3}{2})$

4) $\frac{4}{9}(\frac{3}{5}e - \frac{1}{4})$

5) $\frac{4}{9}(\frac{1}{6}f + \frac{2}{2})$

6) $-\frac{4}{9}(\frac{1}{2}g + \frac{1}{7})$

7) $-\frac{3}{7}(-\frac{1}{4}h - \frac{1}{2})$

8) $\frac{4}{8}(\frac{2}{7}i - \frac{4}{4})$

9) $-\frac{4}{6}(-\frac{7}{8}j - \frac{7}{3})$

10) $-\frac{2}{9}(\frac{1}{2}k - \frac{1}{9})$

11) $-\frac{4}{6}(\frac{3}{4}m - \frac{2}{5})$

12) $\frac{3}{8}(\frac{2}{9}n + \frac{8}{5})$

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

14) $-\frac{2}{5}(\frac{2}{3}r - \frac{2}{9})$

15) $\frac{4}{6}(\frac{3}{8}t - \frac{5}{6})$

16) $-\frac{2}{5}(-\frac{2}{9}u - \frac{6}{7})$

17) $\frac{2}{7}(\frac{1}{6}v - \frac{5}{8})$

18) $\frac{4}{8}(\frac{3}{4}w + \frac{2}{8})$

19) $\frac{2}{9}(\frac{5}{8}y - \frac{4}{6})$

20) $\frac{2}{6}(\frac{1}{5}z + \frac{3}{2})$

Answers

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Answers

1. $\frac{8}{21}b + \frac{4}{14}$

2. $-\frac{18}{35}c + \frac{6}{40}$

3. $-\frac{6}{25}d - \frac{6}{10}$

4. $\frac{12}{45}e - \frac{4}{36}$

5. $\frac{4}{54}f + \frac{8}{18}$

6. $-\frac{4}{18}g - \frac{4}{63}$

7. $\frac{3}{28}h + \frac{3}{14}$

8. $\frac{8}{56}i - \frac{16}{32}$

9. $\frac{28}{48}j + \frac{28}{18}$

10. $-\frac{2}{18}k + \frac{2}{81}$

11. $-\frac{12}{24}m + \frac{8}{30}$

12. $\frac{6}{72}n + \frac{24}{40}$

13. $-\frac{18}{45}p - \frac{3}{15}$

14. $-\frac{4}{15}r + \frac{4}{45}$

15. $\frac{12}{48}t - \frac{20}{36}$

16. $\frac{4}{45}u + \frac{12}{35}$

17. $\frac{2}{42}v - \frac{10}{56}$

18. $\frac{12}{32}w + \frac{8}{64}$

19. $\frac{10}{72}y - \frac{8}{54}$

20. $\frac{2}{30}z + \frac{6}{12}$