



Expand each expression.

Answers

1) $-\frac{2}{5}(\frac{1}{2}b + \frac{1}{3})$

2) $-\frac{2}{4}(\frac{5}{6}c - \frac{1}{9})$

3) $-\frac{4}{5}(\frac{1}{6}d - \frac{2}{8})$

4) $\frac{2}{7}(\frac{4}{9}e + \frac{4}{5})$

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

6) $\frac{3}{6}(\frac{6}{7}g - \frac{2}{6})$

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

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

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

10) $\frac{3}{5}(\frac{4}{5}k - \frac{2}{5})$

11) $\frac{4}{7}(\frac{2}{3}m + \frac{2}{8})$

12) $-\frac{3}{4}(\frac{1}{3}n + \frac{1}{4})$

13) $\frac{2}{6}(\frac{2}{3}p - \frac{1}{7})$

14) $\frac{3}{6}(\frac{3}{5}r + \frac{4}{6})$

15) $-\frac{2}{4}(\frac{3}{5}t + \frac{2}{7})$

16) $\frac{2}{7}(\frac{1}{2}u + \frac{1}{6})$

17) $\frac{2}{9}(\frac{3}{5}v + \frac{1}{5})$

18) $-\frac{4}{9}(\frac{2}{7}w + \frac{2}{8})$

19) $\frac{2}{5}(\frac{1}{2}y - \frac{1}{3})$

20) $-\frac{3}{4}(\frac{7}{9}z + \frac{3}{5})$

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Answers

1. $-\frac{2}{10}b - \frac{2}{15}$

2. $-\frac{10}{24}c + \frac{2}{36}$

3. $-\frac{4}{30}d + \frac{8}{40}$

4. $\frac{8}{63}e + \frac{8}{35}$

5. $-\frac{6}{48}f + \frac{14}{30}$

6. $\frac{18}{42}g - \frac{6}{36}$

7. $-\frac{9}{36}h - \frac{6}{54}$

8. $\frac{6}{24}i + \frac{6}{20}$

9. $\frac{4}{36}j + \frac{12}{45}$

10. $\frac{12}{25}k - \frac{6}{25}$

11. $\frac{8}{21}m + \frac{8}{56}$

12. $-\frac{3}{12}n - \frac{3}{16}$

13. $\frac{4}{18}p - \frac{2}{42}$

14. $\frac{9}{30}r + \frac{12}{36}$

15. $-\frac{6}{20}t - \frac{4}{28}$

16. $\frac{2}{14}u + \frac{2}{42}$

17. $\frac{6}{45}v + \frac{2}{45}$

18. $-\frac{8}{63}w - \frac{8}{72}$

19. $\frac{2}{10}y - \frac{2}{15}$

20. $-\frac{21}{36}z - \frac{9}{20}$