



Expand each expression.

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

2) $-\frac{3}{4}(\frac{3}{7}c + \frac{5}{6})$

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

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

5) $\frac{2}{9}(\frac{1}{7}f + \frac{6}{3})$

6) $\frac{2}{6}(\frac{7}{8}g - \frac{4}{9})$

7) $-\frac{2}{8}(\frac{7}{8}h + \frac{2}{9})$

8) $\frac{4}{6}(\frac{1}{2}i + \frac{1}{5})$

9) $-\frac{3}{8}(\frac{3}{7}j + \frac{1}{2})$

10) $\frac{4}{8}(\frac{7}{8}k - \frac{5}{5})$

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

12) $\frac{3}{5}(\frac{1}{5}n + \frac{1}{7})$

13) $\frac{3}{7}(\frac{1}{2}p + \frac{1}{8})$

14) $-\frac{3}{9}(-\frac{2}{7}r - \frac{2}{9})$

15) $-\frac{3}{8}(\frac{4}{9}t - \frac{2}{7})$

16) $\frac{4}{7}(\frac{2}{4}u - \frac{1}{2})$

17) $-\frac{2}{4}(\frac{1}{2}v - \frac{1}{4})$

18) $-\frac{4}{7}(\frac{5}{7}w - \frac{5}{8})$

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

20) $\frac{2}{7}(\frac{4}{5}z + \frac{1}{2})$

Answers

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____
- 20. _____



1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0



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

20) $\frac{2}{7}(\frac{4}{5}z + \frac{1}{2})$

Answers

1. $\frac{3}{16}b + \frac{6}{20}$
2. $-\frac{9}{28}c - \frac{15}{24}$
3. $\frac{3}{12}d + \frac{3}{36}$
4. $\frac{9}{32}e - \frac{9}{40}$
5. $\frac{2}{63}f + \frac{12}{27}$
6. $\frac{14}{48}g - \frac{8}{54}$
7. $-\frac{14}{64}h - \frac{4}{72}$
8. $\frac{4}{12}i + \frac{4}{30}$
9. $-\frac{9}{56}j - \frac{3}{16}$
10. $\frac{28}{64}k - \frac{20}{40}$
11. $\frac{12}{45}m + \frac{3}{81}$
12. $\frac{3}{25}n + \frac{3}{35}$
13. $\frac{3}{14}p + \frac{3}{56}$
14. $\frac{6}{63}r + \frac{6}{81}$
15. $-\frac{12}{72}t + \frac{6}{56}$
16. $\frac{8}{28}u - \frac{4}{14}$
17. $-\frac{2}{8}v + \frac{2}{16}$
18. $-\frac{20}{49}w + \frac{20}{56}$
19. $\frac{6}{15}y + \frac{3}{15}$
20. $\frac{8}{35}z + \frac{2}{14}$



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