Factor each expression completely.

1) $\frac{12}{45}b - \frac{8}{15} =$ _____

2) $\frac{4}{24}c - \frac{4}{64} =$ _____

3) $\frac{4}{24}d + \frac{2}{40} =$ _____

4) $-\frac{3}{12}e - \frac{3}{24} =$ _____

5) $-\frac{2}{30}f - \frac{8}{54} =$ _____

6) $-\frac{16}{64}g - \frac{4}{32} =$ _____

7) $\frac{6}{56}h - \frac{12}{14} =$ _____

8) $\frac{10}{56}i - \frac{14}{21} =$ _____

9) $\frac{6}{28}j + \frac{3}{56} =$ _____

10) $-\frac{6}{35}k - \frac{6}{21} =$ _____

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Factor each expression completely.

1) $\frac{12}{45}b - \frac{8}{15} = \frac{4}{15}(\frac{3}{3}b - \frac{2}{1})$

2) $\frac{4}{24}c - \frac{4}{64} = \frac{4}{8}(\frac{1}{3}c - \frac{1}{8})$

3) $\frac{4}{24}d + \frac{2}{40} = \frac{2}{8}(\frac{2}{3}d + \frac{1}{5})$

4) $-\frac{3}{12}e - \frac{3}{24} = -\frac{3}{12}(\frac{1}{1}e + \frac{1}{2})$

5) $-\frac{2}{30}f - \frac{8}{54} = -\frac{2}{6}(\frac{1}{5}f + \frac{4}{9})$

6) $-\frac{16}{64}g - \frac{4}{32} = -\frac{4}{32}(\frac{4}{2}g + \frac{1}{1})$

7) $\frac{6}{56}h - \frac{12}{14} = \frac{6}{14}(\frac{1}{4}h - \frac{2}{1})$

8) $\frac{10}{56}i - \frac{14}{21} = \frac{2}{7}(\frac{5}{8}i - \frac{7}{3})$

9) $\frac{6}{28}j + \frac{3}{56} = \frac{3}{28}(\frac{2}{1}j + \frac{1}{2})$

10) $-\frac{6}{35}k - \frac{6}{21} = -\frac{6}{7}(\frac{1}{5}k + \frac{1}{3})$

Answers

1. $\frac{4}{15}(\frac{3}{3}b - \frac{2}{1})$
2. $\frac{4}{8}(\frac{1}{3}c - \frac{1}{8})$
3. $\frac{2}{8}(\frac{2}{3}d + \frac{1}{5})$
4. $-\frac{3}{12}(\frac{1}{1}e + \frac{1}{2})$
5. $-\frac{2}{6}(\frac{1}{5}f + \frac{4}{9})$
6. $-\frac{4}{32}(\frac{4}{2}g + \frac{1}{1})$
7. $\frac{6}{14}(\frac{1}{4}h - \frac{2}{1})$
8. $\frac{2}{7}(\frac{5}{8}i - \frac{7}{3})$
9. $\frac{3}{28}(\frac{2}{1}j + \frac{1}{2})$
10. $-\frac{6}{7}(\frac{1}{5}k + \frac{1}{3})$

1-10	90	80	70	60	50	40	30	20	10	0