Factor each expression completely.

1) $\frac{15}{49}B - \frac{12}{21} =$ _____

2) $-\frac{4}{20}C - \frac{2}{12} =$ _____

3) $\frac{16}{45}D + \frac{16}{18} =$ _____

4) $-\frac{3}{28}E + \frac{9}{21} =$ _____

5) $-\frac{12}{32}F + \frac{8}{64} =$ _____

6) $-\frac{8}{25}G - \frac{2}{30} =$ _____

7) $-\frac{15}{72}H + \frac{12}{54} =$ _____

8) $-\frac{2}{8}I - \frac{2}{24} =$ _____

9) $-\frac{3}{12}J + \frac{3}{12} =$ _____

10) $-\frac{4}{14}K - \frac{4}{21} =$ _____

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) $\frac{15}{49}B - \frac{12}{21} =$ $^{3}/_{7}(^{5}/_{7}B - ^{4}/_{3})$

2) $-\frac{4}{20}C - \frac{2}{12} =$ $-^{2}/_{4}(^{2}/_{5}C + ^{1}/_{3})$

3) $\frac{16}{45}D + \frac{16}{18} =$ $^{16}/_{9}(^{1}/_{5}D + ^{1}/_{2})$

4) $-\frac{3}{28}E + \frac{9}{21} =$ $-^{3}/_{7}(^{1}/_{4}E - ^{3}/_{3})$

5) $-\frac{12}{32}F + \frac{8}{64} =$ $-^{4}/_{32}(^{3}/_{1}F - ^{2}/_{2})$

6) $-\frac{8}{25}G - \frac{2}{30} =$ $-^{2}/_{5}(^{4}/_{5}G + ^{1}/_{6})$

7) $-\frac{15}{72}H + \frac{12}{54} =$ $-^{3}/_{18}(^{5}/_{4}H - ^{4}/_{3})$

8) $-\frac{2}{8}I - \frac{2}{24} =$ $-^{2}/_{8}(^{1}/_{1}I + ^{1}/_{3})$

9) $-\frac{3}{12}J + \frac{3}{12} =$ $-^{3}/_{12}(^{1}/_{1}J - ^{1}/_{1})$

10) $-\frac{4}{14}K - \frac{4}{21} =$ $-^{4}/_{7}(^{1}/_{2}K + ^{1}/_{3})$

Answers

1. $^{3}/_{7}(^{5}/_{7}B - ^{4}/_{3})$
2. $-^{2}/_{4}(^{2}/_{5}C + ^{1}/_{3})$
3. $^{16}/_{9}(^{1}/_{5}D + ^{1}/_{2})$
4. $-^{3}/_{7}(^{1}/_{4}E - ^{3}/_{3})$
5. $-^{4}/_{32}(^{3}/_{1}F - ^{2}/_{2})$
6. $-^{2}/_{5}(^{4}/_{5}G + ^{1}/_{6})$
7. $-^{3}/_{18}(^{5}/_{4}H - ^{4}/_{3})$
8. $-^{2}/_{8}(^{1}/_{1}I + ^{1}/_{3})$
9. $-^{3}/_{12}(^{1}/_{1}J - ^{1}/_{1})$
10. $-^{4}/_{7}(^{1}/_{2}K + ^{1}/_{3})$

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