



Factor each expression completely.

1) $\frac{20}{40}B - \frac{16}{20} =$ _____

2) $-\frac{8}{15}C - \frac{4}{15} =$ _____

3) $\frac{12}{48}D + \frac{9}{16} =$ _____

4) $-\frac{12}{40}E - \frac{14}{10} =$ _____

5) $-\frac{15}{56}F + \frac{15}{56} =$ _____

6) $\frac{6}{56}G + \frac{2}{40} =$ _____

7) $\frac{21}{54}H - \frac{3}{18} =$ _____

8) $\frac{4}{40}I + \frac{28}{35} =$ _____

9) $-\frac{9}{72}J - \frac{18}{72} =$ _____

10) $\frac{16}{36}K + \frac{6}{12} =$ _____

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Factor each expression completely.

$$1) \frac{20}{40}B - \frac{16}{20} = \underline{\frac{4}{20}(\frac{5}{2}B - \frac{4}{1})}$$

$$2) -\frac{8}{15}C - \frac{4}{15} = \underline{-\frac{4}{15}(\frac{2}{1}C + \frac{1}{1})}$$

$$3) \frac{12}{48}D + \frac{9}{16} = \underline{\frac{3}{16}(\frac{4}{3}D + \frac{3}{1})}$$

$$4) -\frac{12}{40}E - \frac{14}{10} = \underline{-\frac{2}{10}(\frac{6}{4}E + \frac{7}{1})}$$

$$5) -\frac{15}{56}F + \frac{15}{56} = \underline{-\frac{15}{56}(\frac{1}{1}F - \frac{1}{1})}$$

$$6) \frac{6}{56}G + \frac{2}{40} = \underline{\frac{2}{8}(\frac{3}{7}G + \frac{1}{5})}$$

$$7) \frac{21}{54}H - \frac{3}{18} = \underline{\frac{3}{18}(\frac{7}{3}H - \frac{1}{1})}$$

$$8) \frac{4}{40}I + \frac{28}{35} = \underline{\frac{4}{5}(\frac{1}{8}I + \frac{7}{7})}$$

$$9) -\frac{9}{72}J - \frac{18}{72} = \underline{-\frac{9}{72}(\frac{1}{1}J + \frac{2}{1})}$$

$$10) \frac{16}{36}K + \frac{6}{12} = \underline{\frac{2}{12}(\frac{8}{3}K + \frac{3}{1})}$$

Answers

1. $\underline{\frac{4}{20}(\frac{5}{2}B - \frac{4}{1})}$

2. $\underline{-\frac{4}{15}(\frac{2}{1}C + \frac{1}{1})}$

3. $\underline{\frac{3}{16}(\frac{4}{3}D + \frac{3}{1})}$

4. $\underline{-\frac{2}{10}(\frac{6}{4}E + \frac{7}{1})}$

5. $\underline{-\frac{15}{56}(\frac{1}{1}F - \frac{1}{1})}$

6. $\underline{\frac{2}{8}(\frac{3}{7}G + \frac{1}{5})}$

7. $\underline{\frac{3}{18}(\frac{7}{3}H - \frac{1}{1})}$

8. $\underline{\frac{4}{5}(\frac{1}{8}I + \frac{7}{7})}$

9. $\underline{-\frac{9}{72}(\frac{1}{1}J + \frac{2}{1})}$

10. $\underline{\frac{2}{12}(\frac{8}{3}K + \frac{3}{1})}$