



Factor each expression completely.

Answers

1) $-\frac{32}{45}B + \frac{20}{25} =$ _____

1. _____

2) $-\frac{28}{40}C + \frac{24}{35} =$ _____

2. _____

3) $-\frac{21}{72}D + \frac{15}{54} =$ _____

3. _____

4) $-\frac{6}{24}E + \frac{6}{72} =$ _____

4. _____

5) $-\frac{8}{48}F + \frac{6}{56} =$ _____

5. _____

6) $-\frac{4}{10}G - \frac{4}{30} =$ _____

6. _____

7) $\frac{16}{45}H + \frac{24}{20} =$ _____

7. _____

8) $-\frac{12}{72}I - \frac{3}{16} =$ _____

8. _____

9) $\frac{2}{21}J - \frac{2}{63} =$ _____

9. _____

10) $\frac{2}{8}K + \frac{2}{32} =$ _____

10. _____



Factor each expression completely.

$$1) -\frac{32}{45}B + \frac{20}{25} = \underline{-\frac{4}{5}(\frac{8}{9}B - \frac{5}{5})}$$

$$2) -\frac{28}{40}C + \frac{24}{35} = \underline{-\frac{4}{5}(\frac{7}{8}C - \frac{6}{7})}$$

$$3) -\frac{21}{72}D + \frac{15}{54} = \underline{-\frac{3}{18}(\frac{7}{4}D - \frac{5}{3})}$$

$$4) -\frac{6}{24}E + \frac{6}{72} = \underline{-\frac{6}{24}(\frac{1}{1}E - \frac{1}{3})}$$

$$5) -\frac{8}{48}F + \frac{6}{56} = \underline{-\frac{2}{8}(\frac{4}{6}F - \frac{3}{7})}$$

$$6) -\frac{4}{10}G - \frac{4}{30} = \underline{-\frac{4}{10}(\frac{1}{1}G + \frac{1}{3})}$$

$$7) \frac{16}{45}H + \frac{24}{20} = \underline{\frac{8}{5}(\frac{2}{9}H + \frac{3}{4})}$$

$$8) -\frac{12}{72}I - \frac{3}{16} = \underline{-\frac{3}{8}(\frac{4}{9}I + \frac{1}{2})}$$

$$9) \frac{2}{21}J - \frac{2}{63} = \underline{\frac{2}{21}(\frac{1}{1}J - \frac{1}{3})}$$

$$10) \frac{2}{8}K + \frac{2}{32} = \underline{\frac{2}{8}(\frac{1}{1}K + \frac{1}{4})}$$

Answers

$$1. \underline{-\frac{4}{5}(\frac{8}{9}B - \frac{5}{5})}$$

$$2. \underline{-\frac{4}{5}(\frac{7}{8}C - \frac{6}{7})}$$

$$3. \underline{-\frac{3}{18}(\frac{7}{4}D - \frac{5}{3})}$$

$$4. \underline{-\frac{6}{24}(\frac{1}{1}E - \frac{1}{3})}$$

$$5. \underline{-\frac{2}{8}(\frac{4}{6}F - \frac{3}{7})}$$

$$6. \underline{-\frac{4}{10}(\frac{1}{1}G + \frac{1}{3})}$$

$$7. \underline{\frac{8}{5}(\frac{2}{9}H + \frac{3}{4})}$$

$$8. \underline{-\frac{3}{8}(\frac{4}{9}I + \frac{1}{2})}$$

$$9. \underline{\frac{2}{21}(\frac{1}{1}J - \frac{1}{3})}$$

$$10. \underline{\frac{2}{8}(\frac{1}{1}K + \frac{1}{4})}$$