



Factor each expression completely.

Answers

1) $-\frac{3}{10}b - \frac{3}{40} =$ _____

1. _____

2) $-\frac{4}{14}c + \frac{4}{42} =$ _____

2. _____

3) $-\frac{2}{10}d + \frac{2}{40} =$ _____

3. _____

4) $\frac{4}{30}e + \frac{16}{10} =$ _____

4. _____

5) $\frac{3}{18}f + \frac{3}{72} =$ _____

5. _____

6) $\frac{20}{72}g - \frac{28}{72} =$ _____

6. _____

7) $-\frac{3}{12}h - \frac{3}{12} =$ _____

7. _____

8) $-\frac{4}{63}i - \frac{10}{45} =$ _____

8. _____

9) $\frac{3}{24}j - \frac{3}{56} =$ _____

9. _____

10) $\frac{14}{45}k - \frac{10}{45} =$ _____

10. _____



Factor each expression completely.

$$1) -\frac{3}{10}b - \frac{3}{40} = \underline{-\frac{3}{10}(\frac{1}{1}b + \frac{1}{4})}$$

$$2) -\frac{4}{14}c + \frac{4}{42} = \underline{-\frac{4}{14}(\frac{1}{1}c - \frac{1}{3})}$$

$$3) -\frac{2}{10}d + \frac{2}{40} = \underline{-\frac{2}{10}(\frac{1}{1}d - \frac{1}{4})}$$

$$4) \frac{4}{30}e + \frac{16}{10} = \underline{\frac{4}{10}(\frac{1}{3}e + \frac{4}{1})}$$

$$5) \frac{3}{18}f + \frac{3}{72} = \underline{\frac{3}{18}(\frac{1}{1}f + \frac{1}{4})}$$

$$6) \frac{20}{72}g - \frac{28}{72} = \underline{\frac{4}{72}(\frac{5}{18}g - \frac{7}{1})}$$

$$7) -\frac{3}{12}h - \frac{3}{12} = \underline{-\frac{3}{12}(\frac{1}{1}h + \frac{1}{1})}$$

$$8) -\frac{4}{63}i - \frac{10}{45} = \underline{-\frac{2}{9}(\frac{2}{7}i + \frac{5}{5})}$$

$$9) \frac{3}{24}j - \frac{3}{56} = \underline{\frac{3}{8}(\frac{1}{3}j - \frac{1}{7})}$$

$$10) \frac{14}{45}k - \frac{10}{45} = \underline{\frac{2}{45}(\frac{7}{1}k - \frac{5}{1})}$$

Answers

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

$$2. \underline{-\frac{4}{14}(\frac{1}{1}c - \frac{1}{3})}$$

$$3. \underline{-\frac{2}{10}(\frac{1}{1}d - \frac{1}{4})}$$

$$4. \underline{\frac{4}{10}(\frac{1}{3}e + \frac{4}{1})}$$

$$5. \underline{\frac{3}{18}(\frac{1}{1}f + \frac{1}{4})}$$

$$6. \underline{\frac{4}{72}(\frac{5}{18}g - \frac{7}{1})}$$

$$7. \underline{-\frac{3}{12}(\frac{1}{1}h + \frac{1}{1})}$$

$$8. \underline{-\frac{2}{9}(\frac{2}{7}i + \frac{5}{5})}$$

$$9. \underline{\frac{3}{8}(\frac{1}{3}j - \frac{1}{7})}$$

$$10. \underline{\frac{2}{45}(\frac{7}{1}k - \frac{5}{1})}$$