



Factor each expression completely.

Answers

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

1. _____

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

2. _____

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

3. _____

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

4. _____

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

5. _____

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

6. _____

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

7. _____

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

8. _____

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

9. _____

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

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

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

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

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

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

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

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

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

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

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

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