



Factor each expression completely.

1) $\frac{4}{30B} - \frac{16}{36} =$ _____

2) $\frac{16}{36C} + \frac{8}{32} =$ _____

3) $\frac{6}{35D} - \frac{9}{25} =$ _____

4) $\frac{9}{20E} + \frac{9}{35} =$ _____

5) $\frac{6}{36F} + \frac{2}{45} =$ _____

6) $\frac{6}{20G} - \frac{8}{24} =$ _____

7) $\frac{6}{24H} - \frac{15}{32} =$ _____

8) $-\frac{3}{15I} + \frac{6}{30} =$ _____

9) $\frac{6}{36J} - \frac{4}{12} =$ _____

10) $\frac{16}{54K} + \frac{12}{81} =$ _____

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

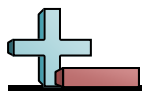
6. _____

7. _____

8. _____

9. _____

10. _____



Factor each expression completely.

$$1) \frac{4}{30}B - \frac{16}{36} = \underline{\frac{4}{6}(\frac{1}{5}B - \frac{4}{6})}$$

$$2) \frac{16}{36}C + \frac{8}{32} = \underline{\frac{8}{4}(\frac{2}{9}C + \frac{1}{8})}$$

$$3) \frac{6}{35}D - \frac{9}{25} = \underline{\frac{3}{5}(\frac{2}{7}D - \frac{3}{5})}$$

$$4) \frac{9}{20}E + \frac{9}{35} = \underline{\frac{9}{5}(\frac{1}{4}E + \frac{1}{7})}$$

$$5) \frac{6}{36}F + \frac{2}{45} = \underline{\frac{2}{9}(\frac{3}{4}F + \frac{1}{5})}$$

$$6) \frac{6}{20}G - \frac{8}{24} = \underline{\frac{2}{4}(\frac{3}{5}G - \frac{4}{6})}$$

$$7) \frac{6}{24}H - \frac{15}{32} = \underline{\frac{3}{8}(\frac{2}{3}H - \frac{5}{4})}$$

$$8) -\frac{3}{15}I + \frac{6}{30} = \underline{-\frac{3}{15}(\frac{1}{1}I - \frac{2}{2})}$$

$$9) \frac{6}{36}J - \frac{4}{12} = \underline{\frac{2}{12}(\frac{3}{3}J - \frac{2}{1})}$$

$$10) \frac{16}{54}K + \frac{12}{81} = \underline{\frac{4}{27}(\frac{4}{2}K + \frac{3}{3})}$$

Answers

$$1. \underline{\frac{4}{6}(\frac{1}{5}B - \frac{4}{6})}$$

$$2. \underline{\frac{8}{4}(\frac{2}{9}C + \frac{1}{8})}$$

$$3. \underline{\frac{3}{5}(\frac{2}{7}D - \frac{3}{5})}$$

$$4. \underline{\frac{9}{5}(\frac{1}{4}E + \frac{1}{7})}$$

$$5. \underline{\frac{2}{9}(\frac{3}{4}F + \frac{1}{5})}$$

$$6. \underline{\frac{2}{4}(\frac{3}{5}G - \frac{4}{6})}$$

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

$$8. \underline{-\frac{3}{15}(\frac{1}{1}I - \frac{2}{2})}$$

$$9. \underline{\frac{2}{12}(\frac{3}{3}J - \frac{2}{1})}$$

$$10. \underline{\frac{4}{27}(\frac{4}{2}K + \frac{3}{3})}$$