

**Faktorisieren Sie jeden Ausdruck vollständig.****Antworten**

1) $\frac{6}{48}b - \frac{12}{30} =$ _____

1. _____

2) $\frac{6}{25}c - \frac{8}{20} =$ _____

2. _____

3) $\frac{12}{48}d - \frac{20}{16} =$ _____

3. _____

4) $\frac{6}{35}e - \frac{2}{28} =$ _____

4. _____

5) $-\frac{4}{36}f - \frac{12}{54} =$ _____

5. _____

6) $-\frac{12}{40}g - \frac{12}{30} =$ _____

6. _____

7) $-\frac{3}{15}h - \frac{6}{25} =$ _____

7. _____

8) $\frac{8}{40}i - \frac{12}{32} =$ _____

8. _____

9) $-\frac{3}{12}j + \frac{3}{16} =$ _____

9. _____

10) $-\frac{3}{16}k - \frac{3}{16} =$ _____

10. _____



Faktorisieren Sie jeden Ausdruck vollständig.

$$1) \quad \frac{6}{48}b - \frac{12}{30} = \underline{\frac{1}{6}(\frac{1}{8}b - \frac{2}{5})}$$

$$2) \quad \frac{6}{25}c - \frac{8}{20} = \underline{\frac{2}{5}(\frac{3}{5}c - \frac{4}{4})}$$

$$3) \quad \frac{12}{48}d - \frac{20}{16} = \underline{\frac{1}{4}(\frac{1}{3}d - \frac{5}{1})}$$

$$4) \quad \frac{6}{35}e - \frac{2}{28} = \underline{\frac{2}{7}(\frac{3}{5}e - \frac{1}{4})}$$

$$5) \quad -\frac{4}{36}f - \frac{12}{54} = \underline{-\frac{1}{9}(\frac{1}{3}f + \frac{2}{3})}$$

$$6) \quad -\frac{12}{40}g - \frac{12}{30} = \underline{-\frac{3}{10}(\frac{1}{4}g + \frac{1}{3})}$$

$$7) \quad -\frac{3}{15}h - \frac{6}{25} = \underline{-\frac{1}{5}(\frac{1}{3}h + \frac{2}{5})}$$

$$8) \quad \frac{8}{40}i - \frac{12}{32} = \underline{\frac{1}{5}(\frac{2}{5}i - \frac{3}{4})}$$

$$9) \quad -\frac{3}{12}j + \frac{3}{16} = \underline{-\frac{1}{4}(\frac{1}{3}j - \frac{1}{4})}$$

$$10) \quad -\frac{3}{16}k - \frac{3}{16} = \underline{-\frac{3}{16}(\frac{1}{1}k + \frac{1}{1})}$$

Antworten

$$1. \quad \underline{\frac{1}{6}(\frac{1}{8}b - \frac{2}{5})}$$

$$2. \quad \underline{\frac{2}{5}(\frac{3}{5}c - \frac{4}{4})}$$

$$3. \quad \underline{\frac{1}{4}(\frac{1}{3}d - \frac{5}{1})}$$

$$4. \quad \underline{\frac{2}{7}(\frac{3}{5}e - \frac{1}{4})}$$

$$5. \quad \underline{-\frac{1}{9}(\frac{1}{3}f + \frac{2}{3})}$$

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

$$7. \quad \underline{-\frac{1}{5}(\frac{1}{3}h + \frac{2}{5})}$$

$$8. \quad \underline{\frac{1}{5}(\frac{2}{5}i - \frac{3}{4})}$$

$$9. \quad \underline{-\frac{1}{4}(\frac{1}{3}j - \frac{1}{4})}$$

$$10. \quad \underline{-\frac{3}{16}(\frac{1}{1}k + \frac{1}{1})}$$