



Faktorisieren Sie jeden Ausdruck vollständig.

Antworten

1) $-\frac{4}{18}b + \frac{4}{54} =$ _____

1. _____

2) $-\frac{12}{24}c - \frac{12}{12} =$ _____

2. _____

3) $\frac{4}{42}d + \frac{8}{28} =$ _____

3. _____

4. _____

4) $-\frac{8}{36}e - \frac{12}{36} =$ _____

5. _____

6. _____

5) $-\frac{8}{32}f + \frac{12}{48} =$ _____

7. _____

8. _____

6) $-\frac{3}{16}g + \frac{3}{56} =$ _____

9. _____

10. _____

7) $\frac{20}{30}h + \frac{12}{45} =$ _____

8) $\frac{12}{36}i + \frac{16}{20} =$ _____

9) $-\frac{6}{32}j + \frac{3}{32} =$ _____

10) $-\frac{4}{21}k + \frac{8}{35} =$ _____



Faktorisieren Sie jeden Ausdruck vollständig.

$$1) -\frac{4}{18}b + \frac{4}{54} = \underline{-\frac{4}{18}(\frac{1}{1}b - \frac{1}{3})}$$

$$2) -\frac{12}{24}c - \frac{12}{12} = \underline{-\frac{12}{12}(\frac{1}{2}c + \frac{1}{1})}$$

$$3) \frac{4}{42}d + \frac{8}{28} = \underline{\frac{4}{14}(\frac{1}{3}d + \frac{2}{2})}$$

$$4) -\frac{8}{36}e - \frac{12}{36} = \underline{-\frac{4}{36}(\frac{2}{1}e + \frac{3}{1})}$$

$$5) -\frac{8}{32}f + \frac{12}{48} = \underline{-\frac{4}{16}(\frac{2}{2}f - \frac{3}{3})}$$

$$6) -\frac{3}{16}g + \frac{3}{56} = \underline{-\frac{3}{8}(\frac{1}{2}g - \frac{1}{7})}$$

$$7) \frac{20}{30}h + \frac{12}{45} = \underline{\frac{4}{15}(\frac{5}{2}h + \frac{3}{3})}$$

$$8) \frac{12}{36}i + \frac{16}{20} = \underline{\frac{4}{4}(\frac{3}{9}i + \frac{4}{5})}$$

$$9) -\frac{6}{32}j + \frac{3}{32} = \underline{-\frac{3}{32}(\frac{2}{1}j - \frac{1}{1})}$$

$$10) -\frac{4}{21}k + \frac{8}{35} = \underline{-\frac{4}{7}(\frac{1}{3}k - \frac{2}{5})}$$

Antworten

$$1. \underline{-\frac{4}{18}(\frac{1}{1}b - \frac{1}{3})}$$

$$2. \underline{-\frac{12}{12}(\frac{1}{2}c + \frac{1}{1})}$$

$$3. \underline{\frac{4}{14}(\frac{1}{3}d + \frac{2}{2})}$$

$$4. \underline{-\frac{4}{36}(\frac{2}{1}e + \frac{3}{1})}$$

$$5. \underline{-\frac{4}{16}(\frac{2}{2}f - \frac{3}{3})}$$

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

$$7. \underline{\frac{4}{15}(\frac{5}{2}h + \frac{3}{3})}$$

$$8. \underline{\frac{4}{4}(\frac{3}{9}i + \frac{4}{5})}$$

$$9. \underline{-\frac{3}{32}(\frac{2}{1}j - \frac{1}{1})}$$

$$10. \underline{-\frac{4}{7}(\frac{1}{3}k - \frac{2}{5})}$$