

Mathe Klasse 7 und Klasse 8



IMMERSCHLAU

Rechengesetze

Beachte einmal die Regel "Klammer zuerst" und danach das Distributivgesetz (Klammern ausmultiplizieren).

Zwischenschritt

Ergebnis

a) 1.) $7 \cdot (-30+6) = \underline{7 \cdot (-24)} = \underline{\hspace{2cm}}$

2.) $7 \cdot (-30+6) = \underline{-210 + 42} = \underline{\hspace{2cm}}$

b) 1.) $9 \cdot (50-4) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2.) $9 \cdot (50-4) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

c) 1.) $-9 \cdot (50+4) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2.) $-9 \cdot (50+4) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

d) 1.) $7 \cdot (-5-4) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2.) $7 \cdot (-5-4) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

e) 1.) $-13 \cdot (-6-15) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2.) $-13 \cdot (-6-15) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

f) 1.) $\frac{3}{9} \cdot (7-9) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2.) $\frac{3}{9} \cdot (7-9) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

g) 1.) $\frac{4}{7} \cdot \left(\frac{1}{5} - \frac{3}{2}\right) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2.) $\frac{4}{7} \cdot \left(\frac{1}{5} - \frac{3}{2}\right) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$