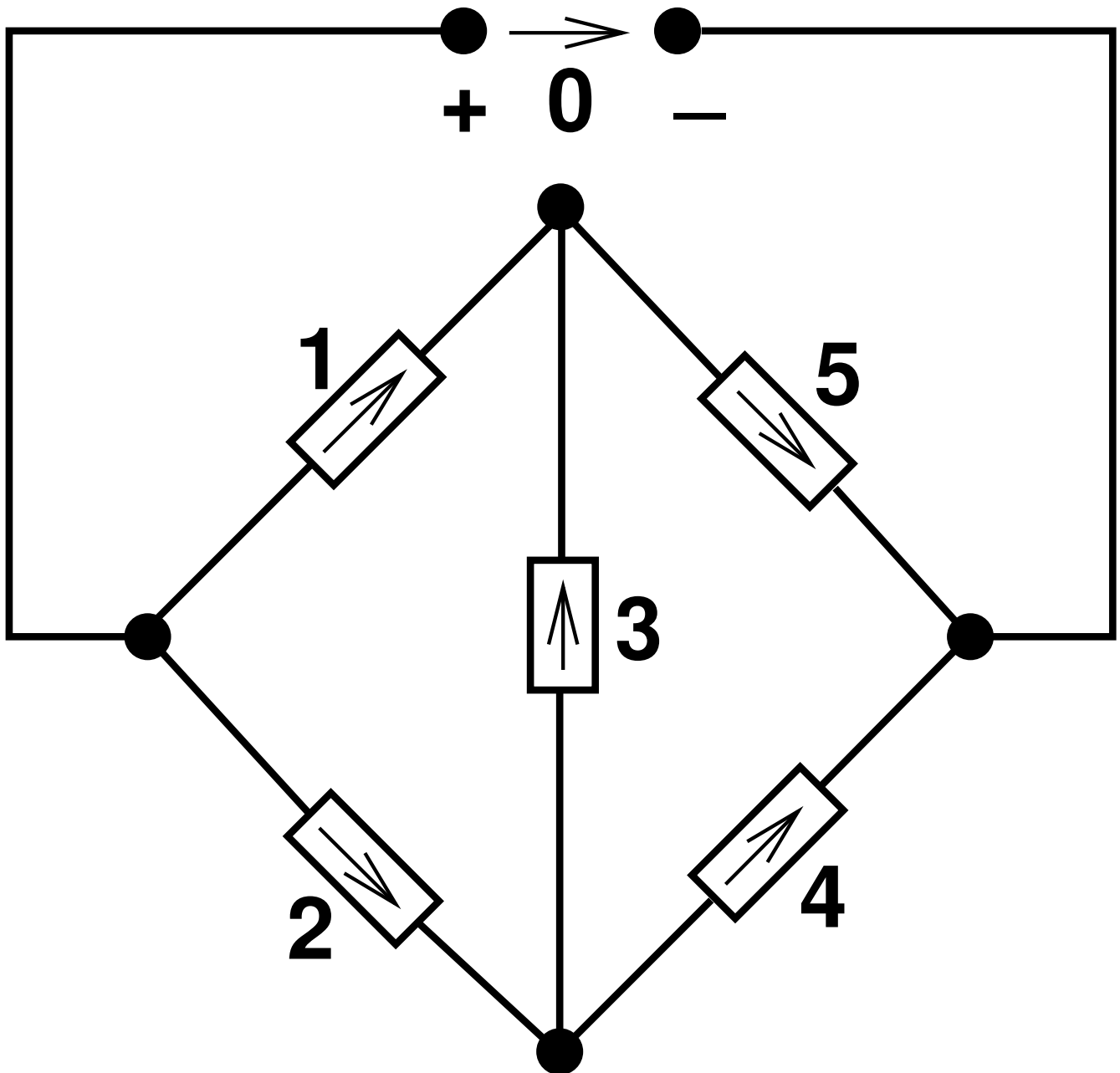
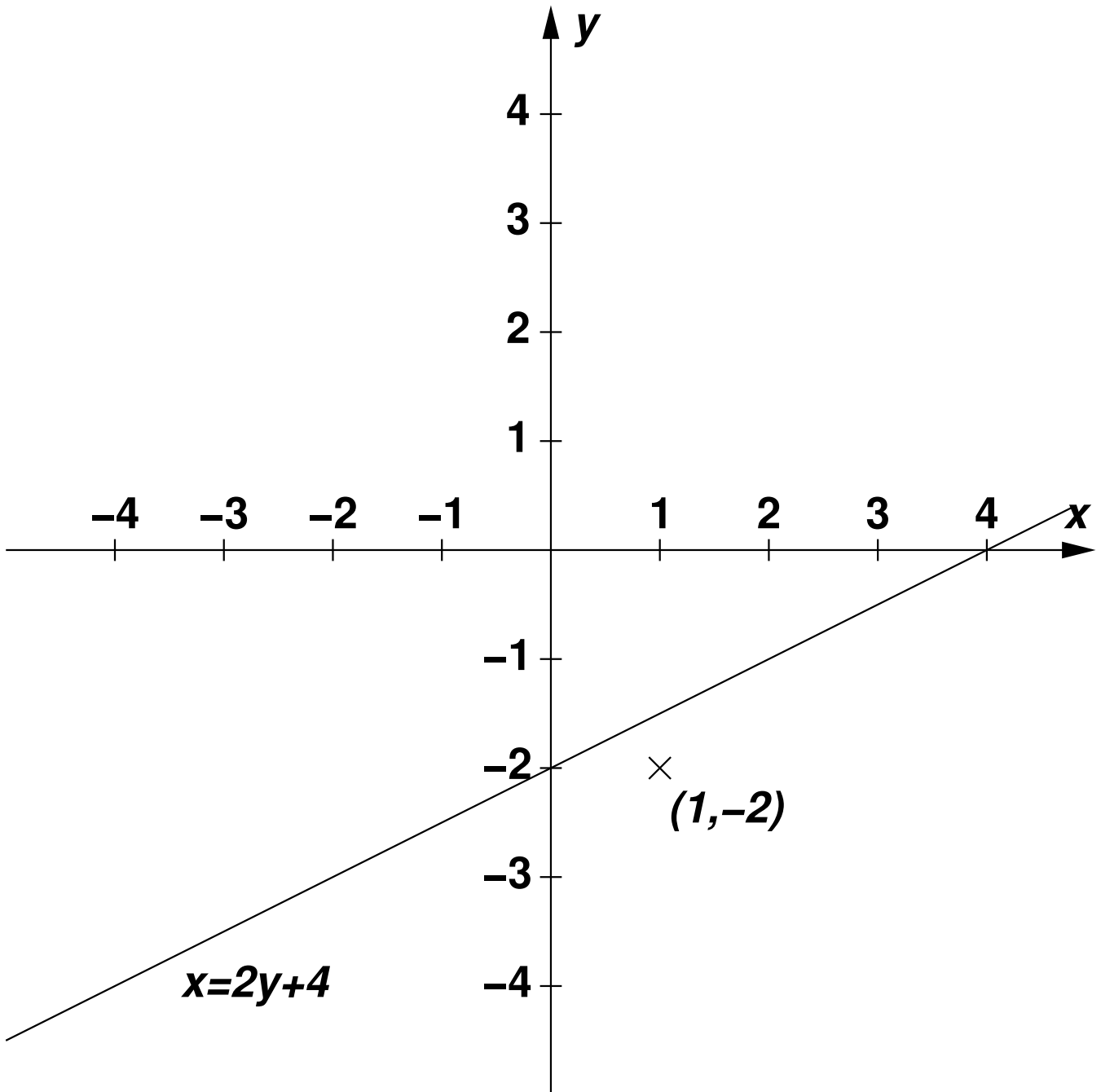


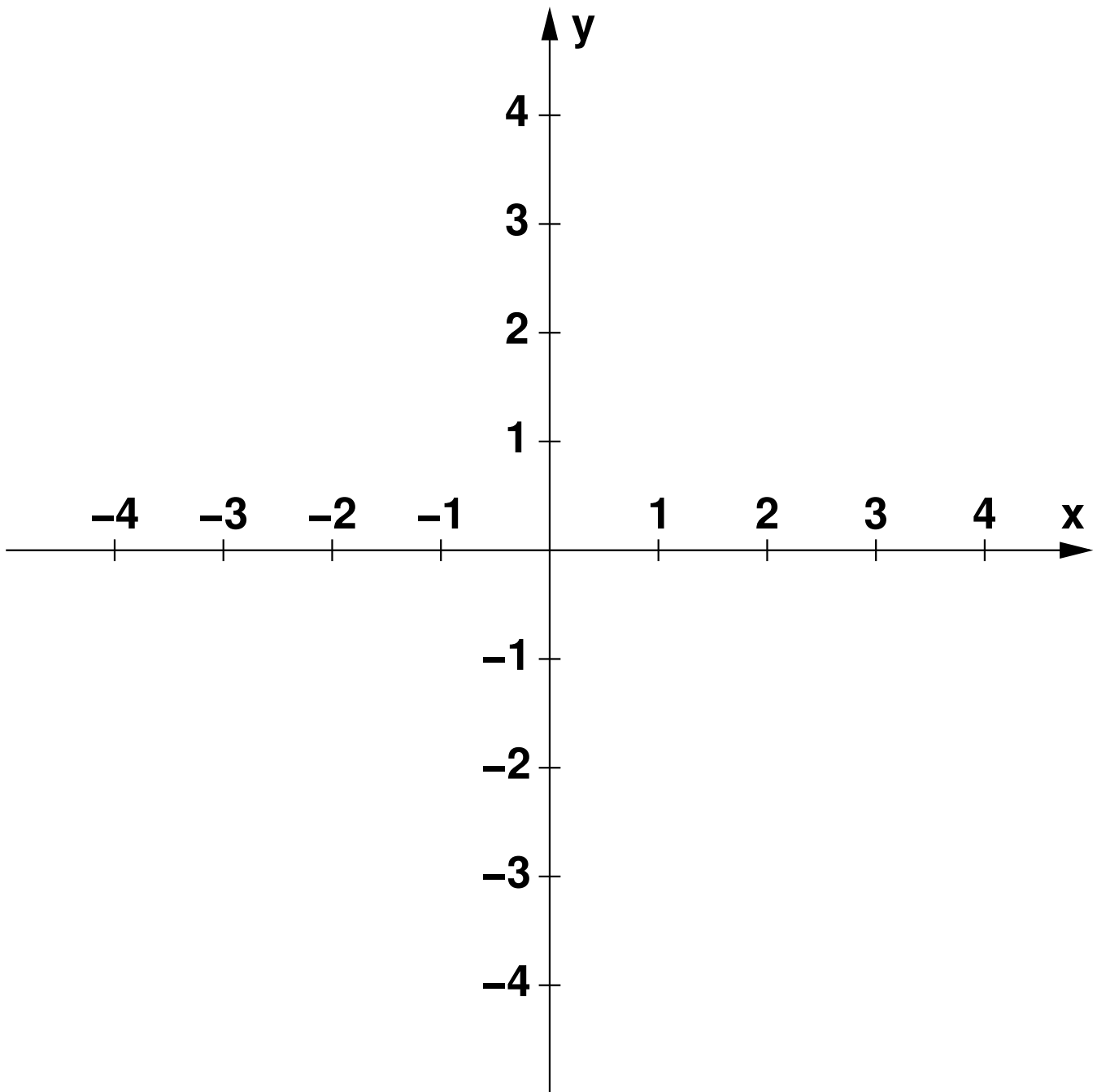
# Batterie



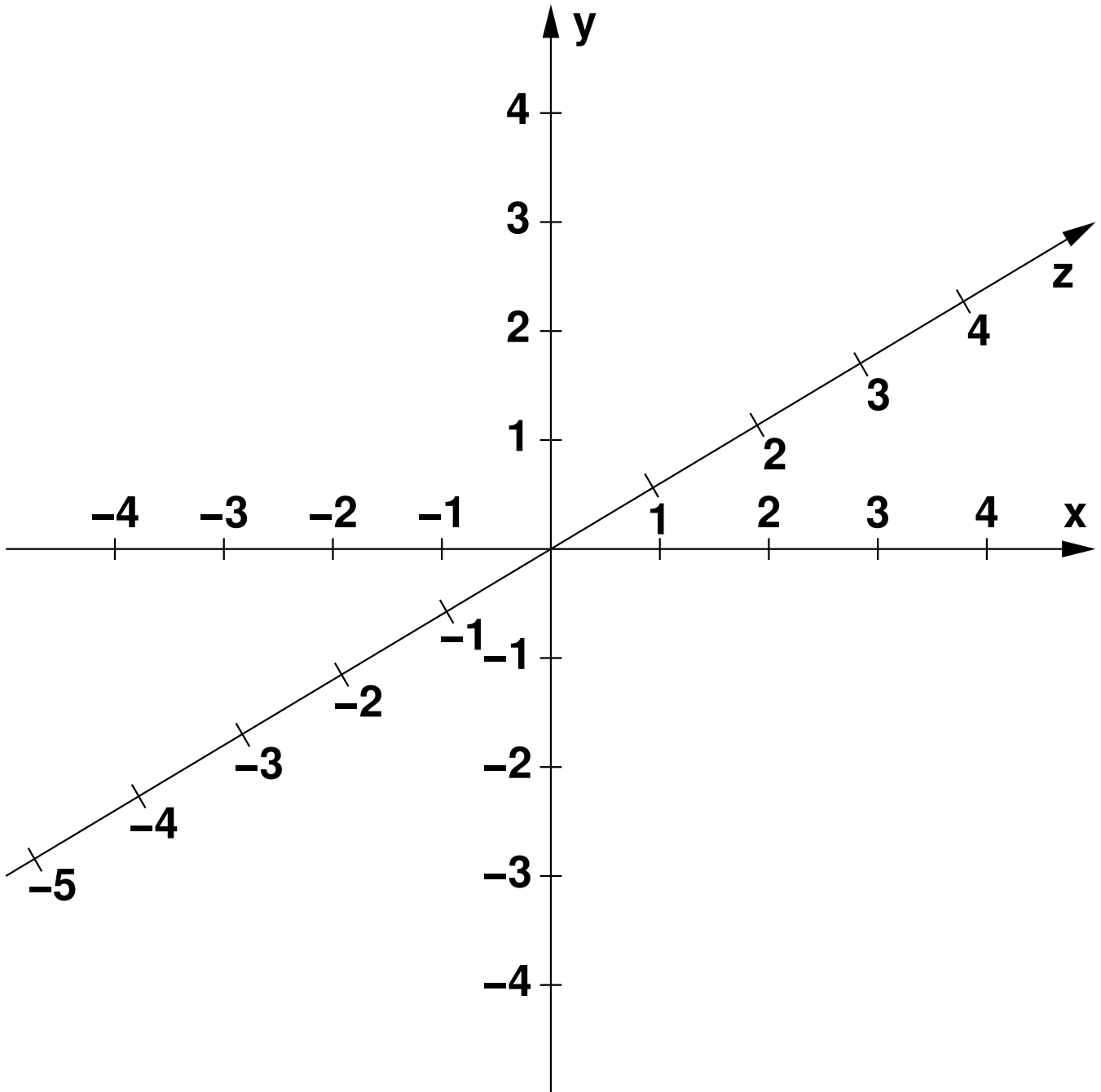
# Grafische Veranschaulichung von Lösungsmengen



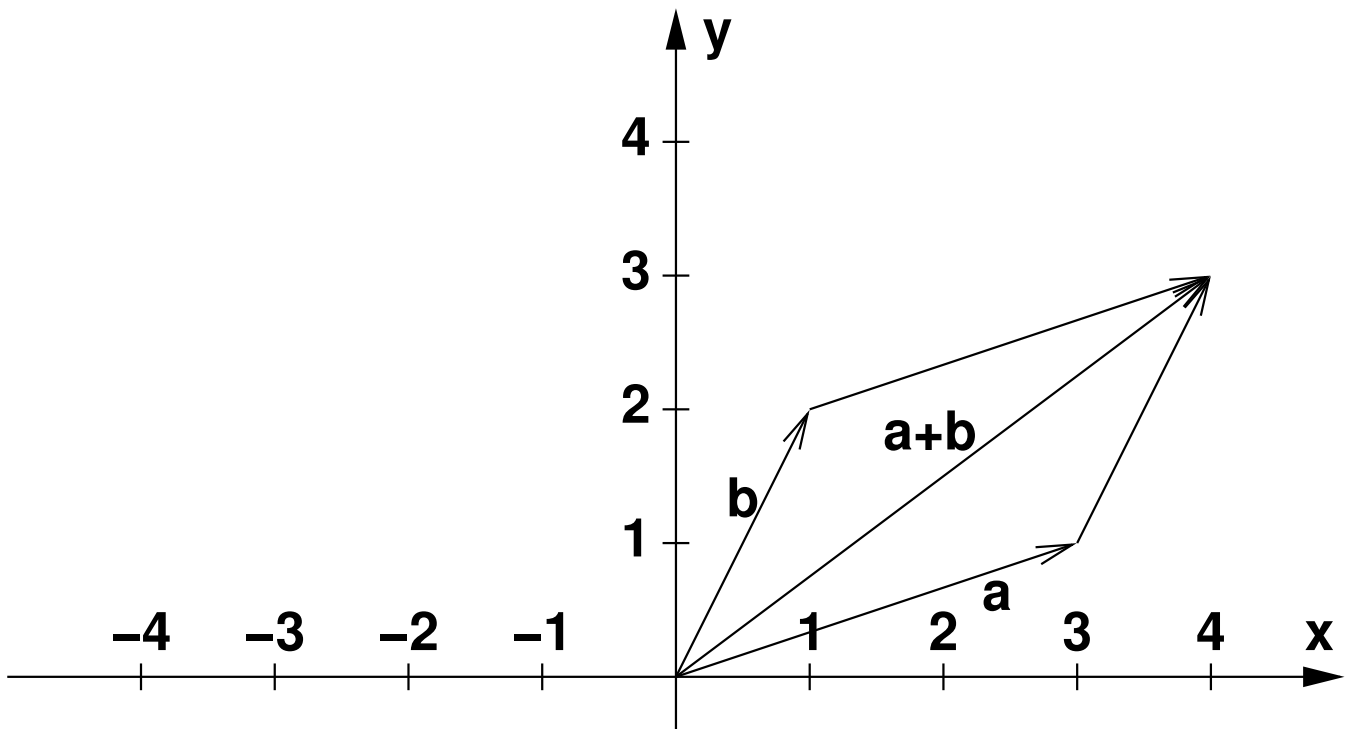
# 2-dimensionales Koordinatensystem



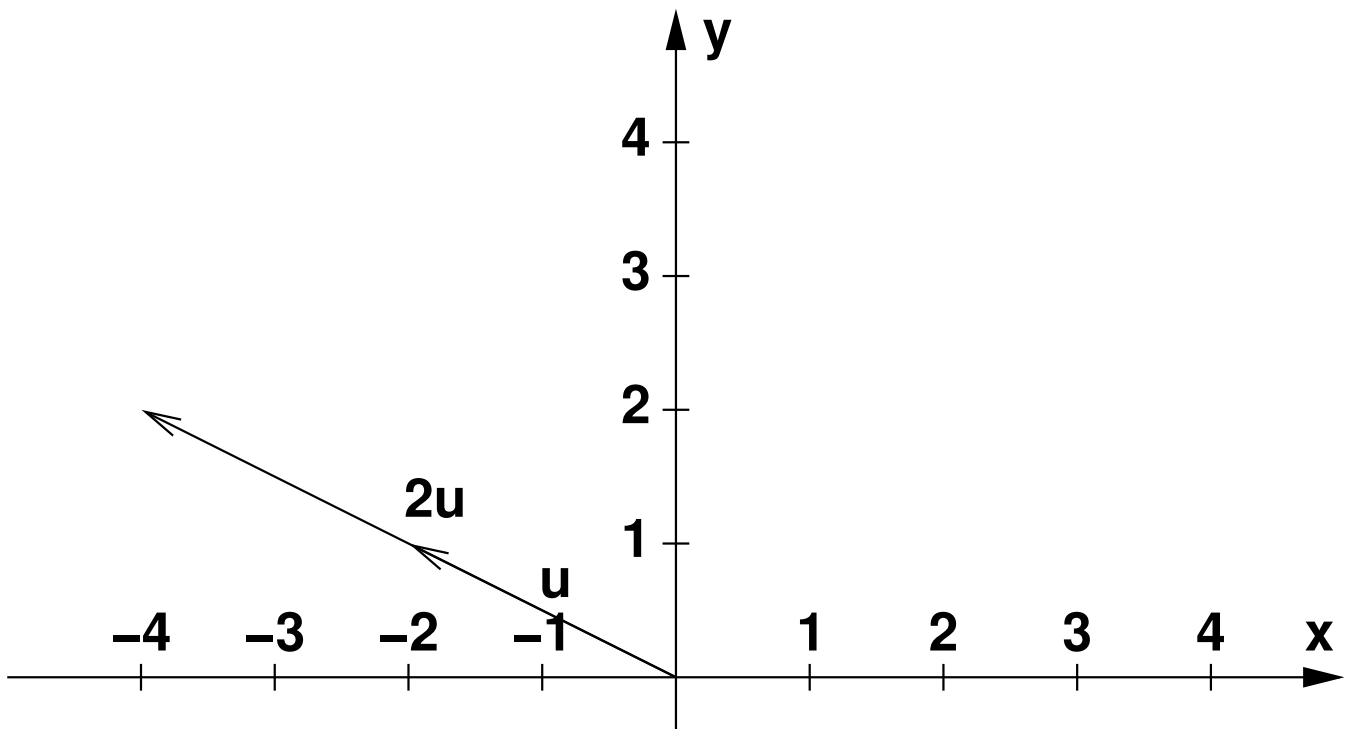
# 3-dimensionales Koordinatensystem



# Addition von Vektoren

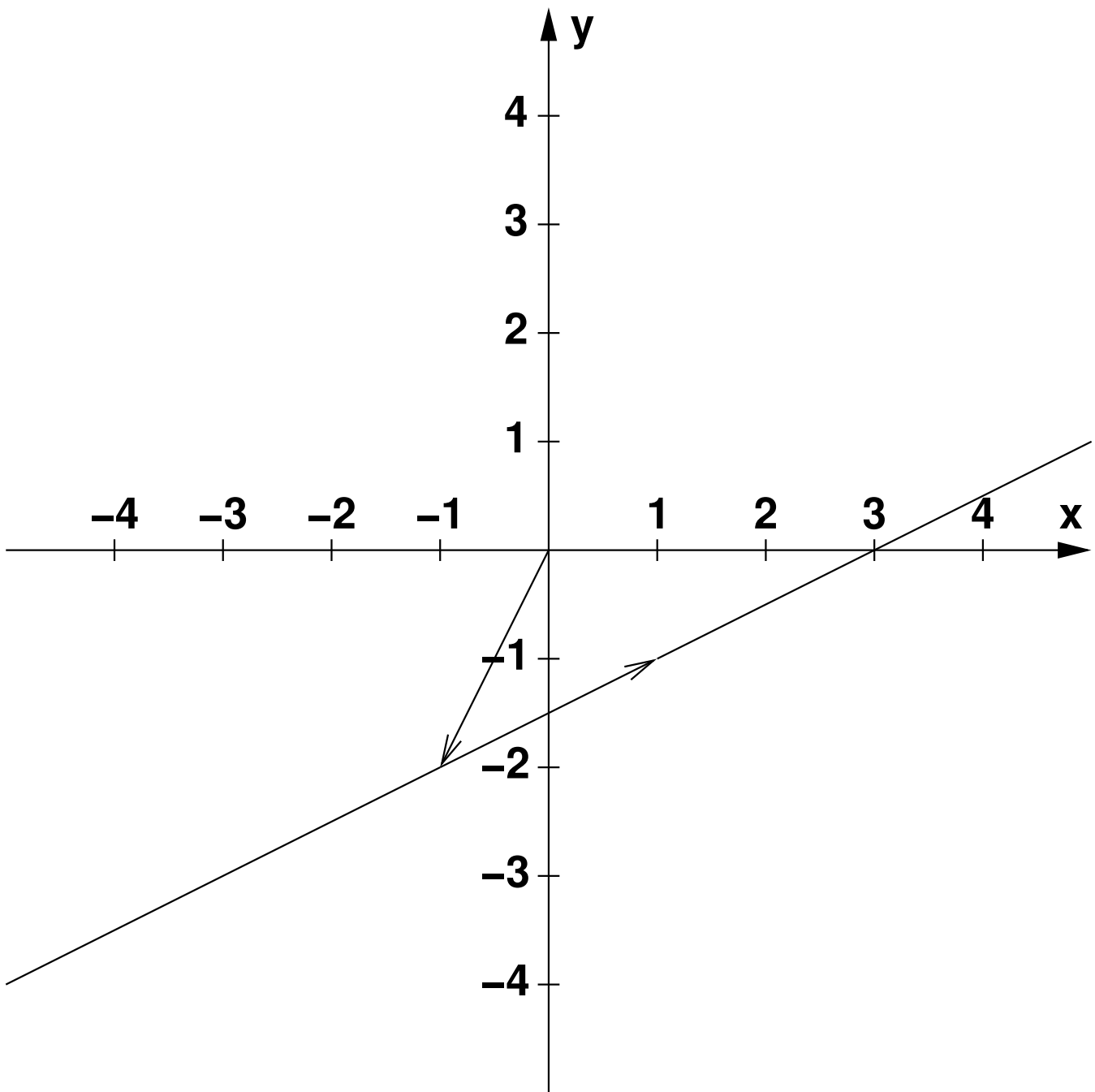


# Vielfache von Vektoren

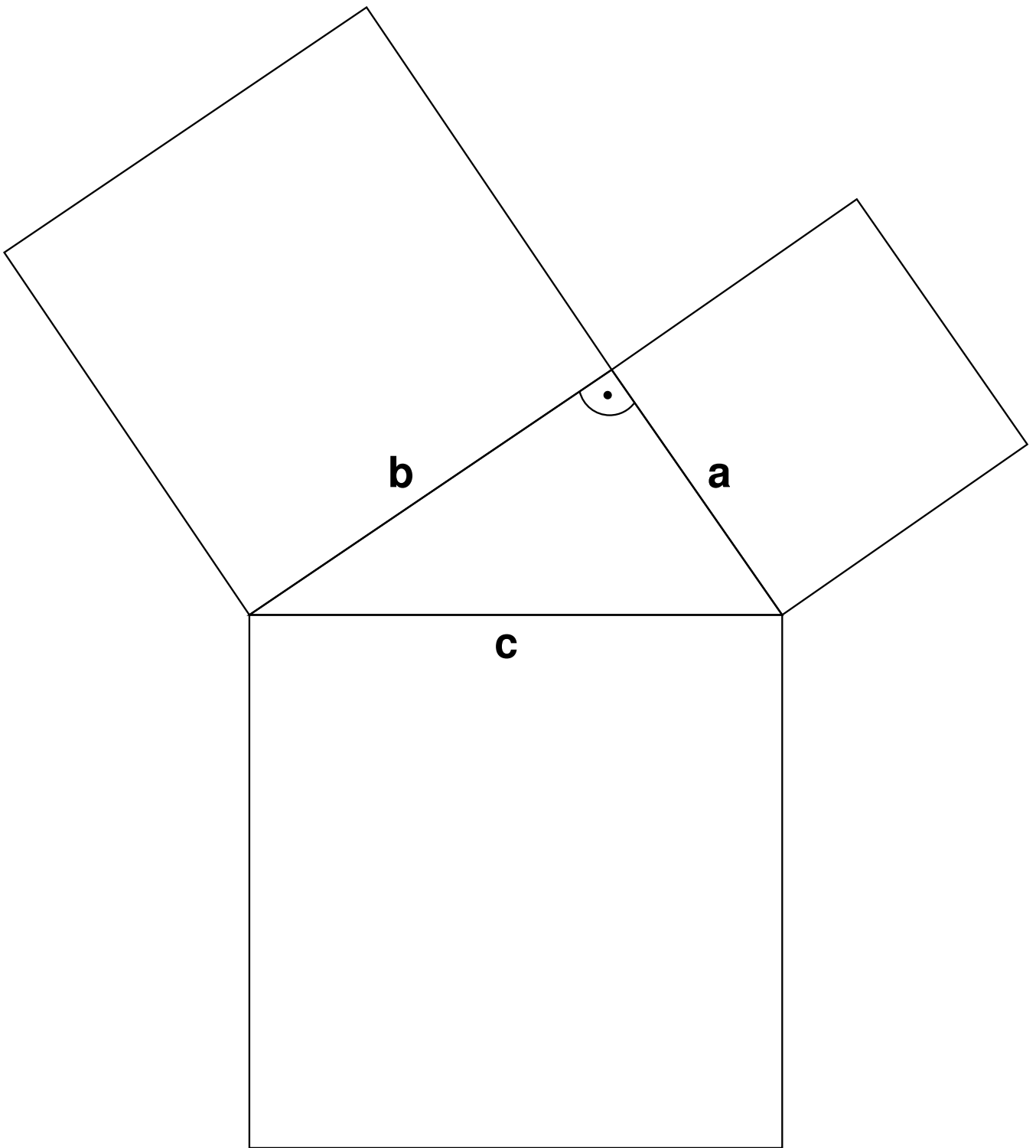




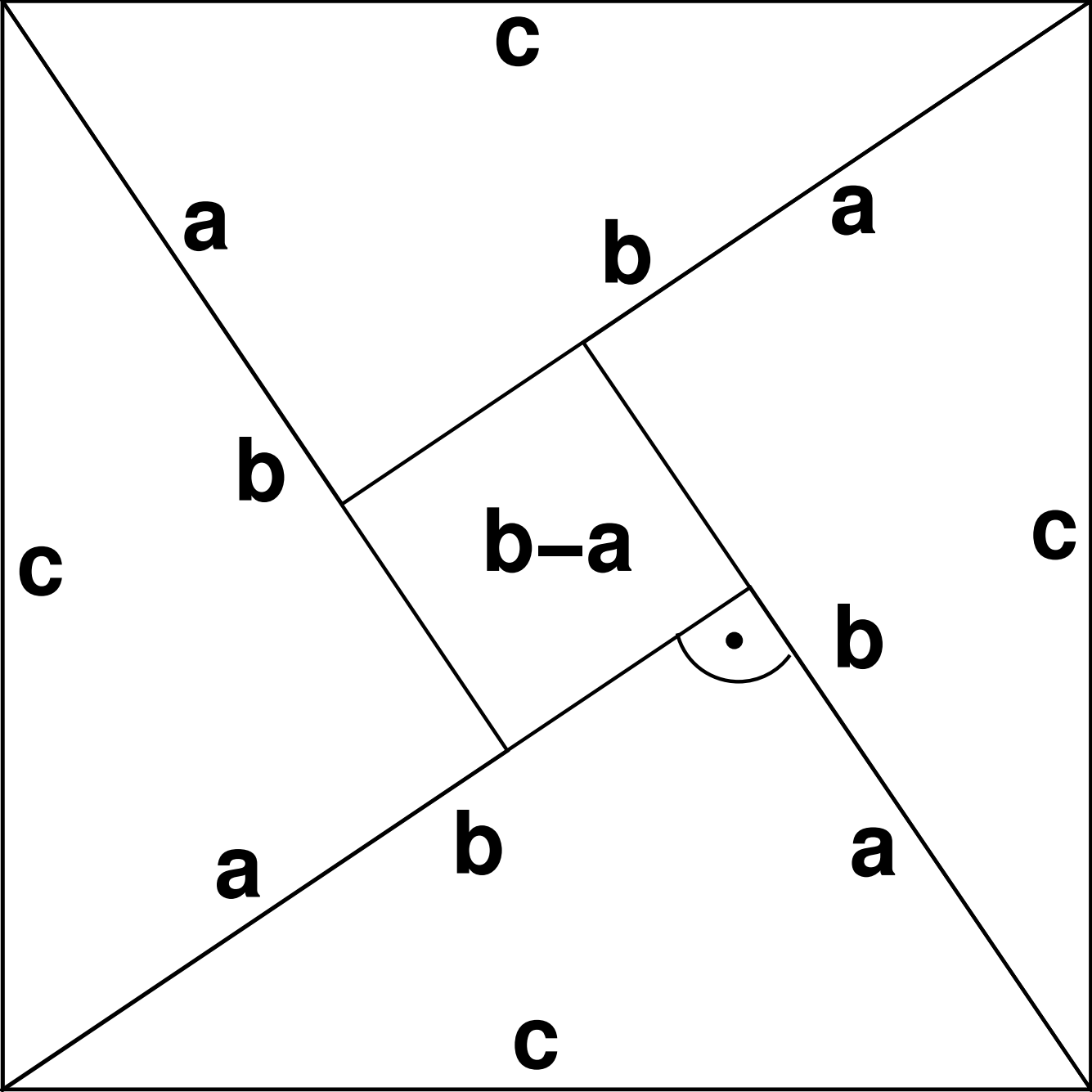
# Gerade in Parameterform



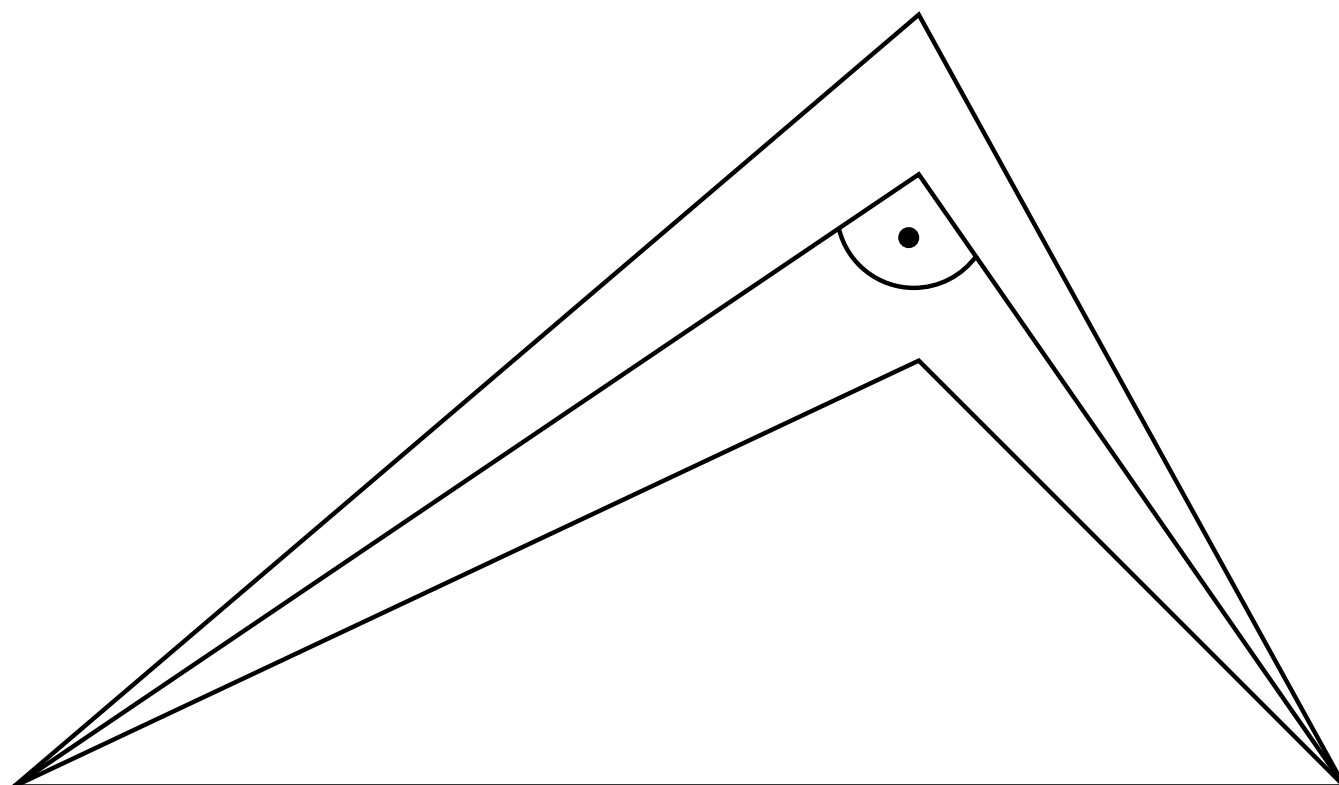
# Satz des Pythagoras



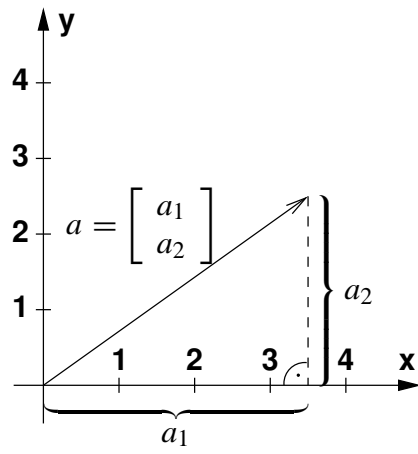
Beweis für Satz des Pythagoras



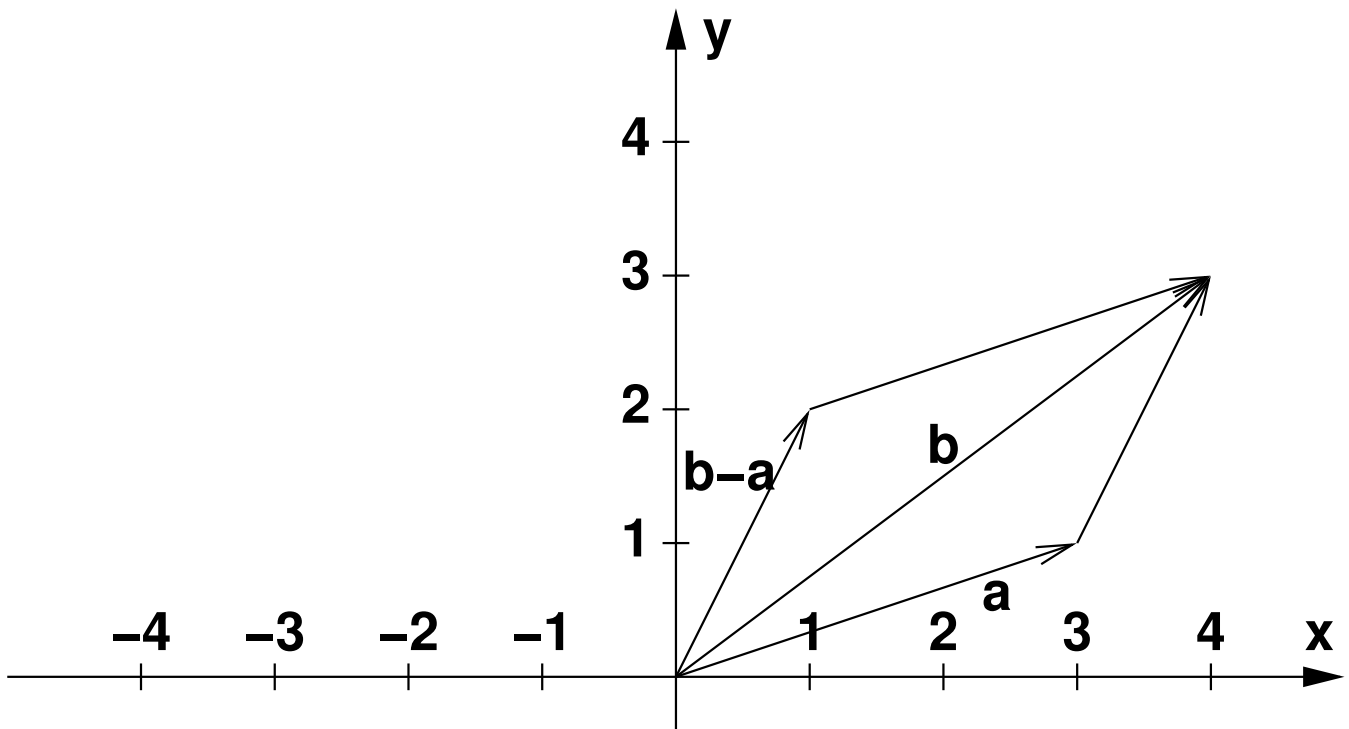
# Beweis für die Umkehrung des Satzes des Pythagoras



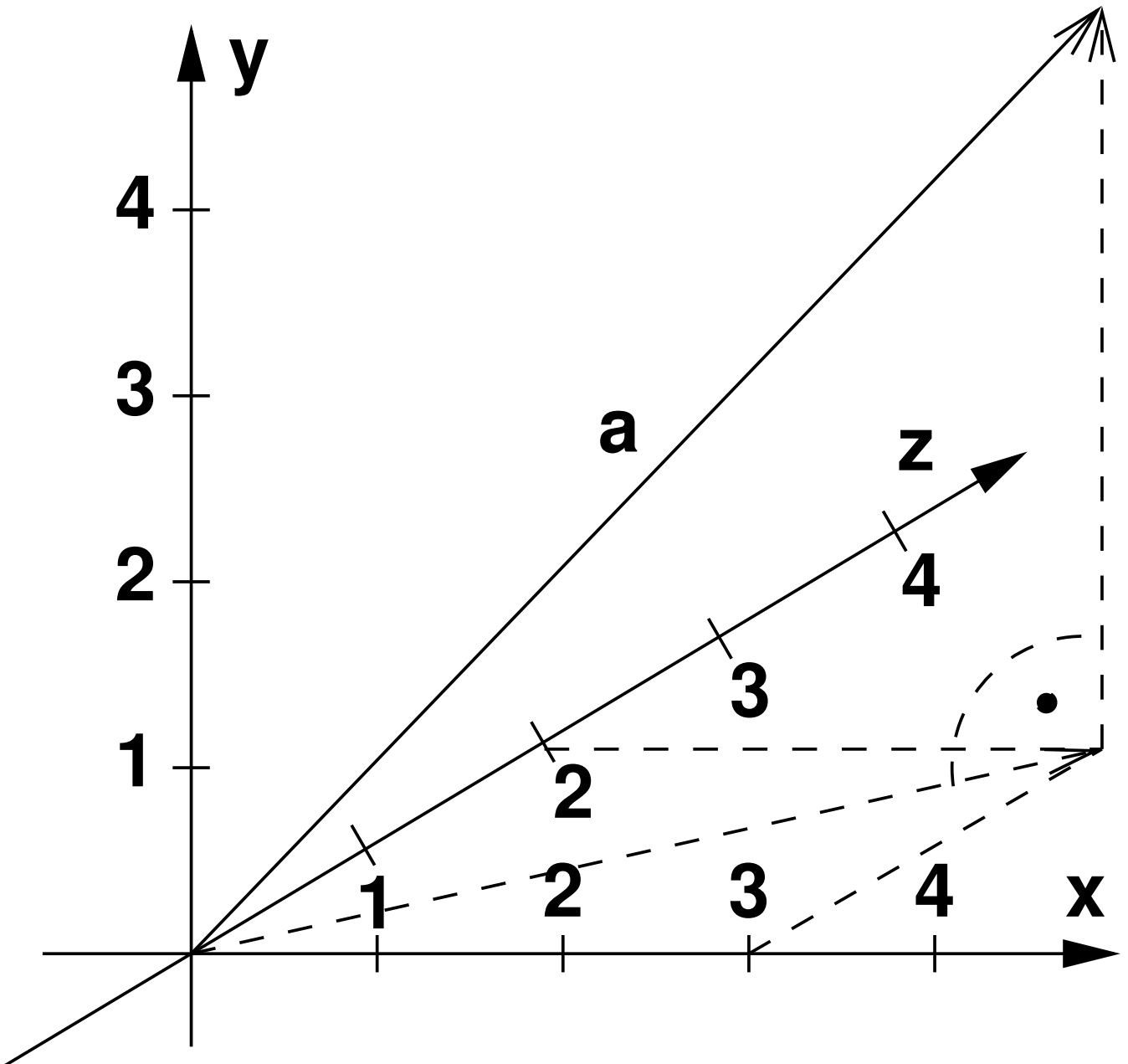
# Länge von Vektoren



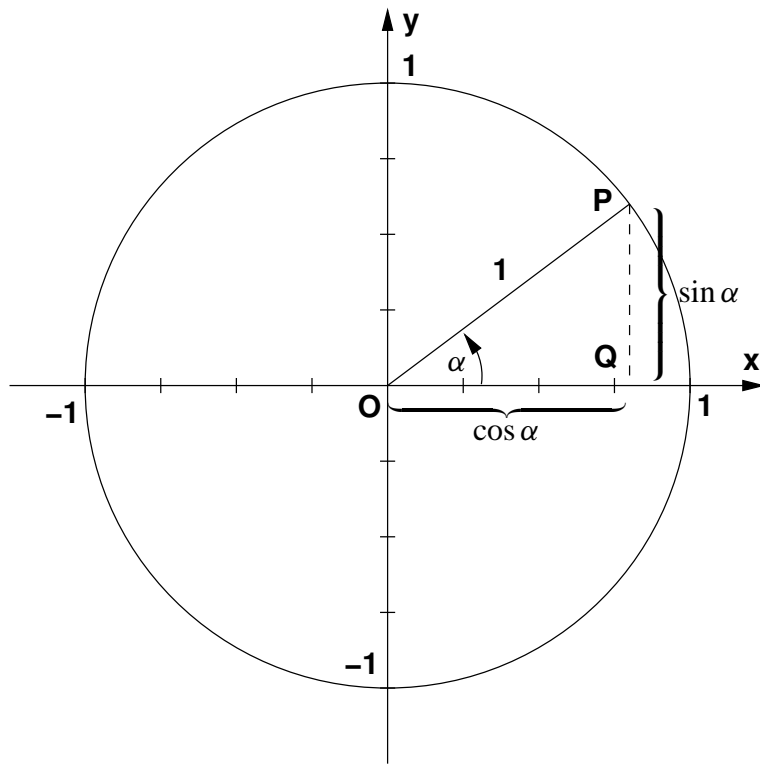
# Abstand von Punkten in der Ebene



# Länge von Vektoren im Raum

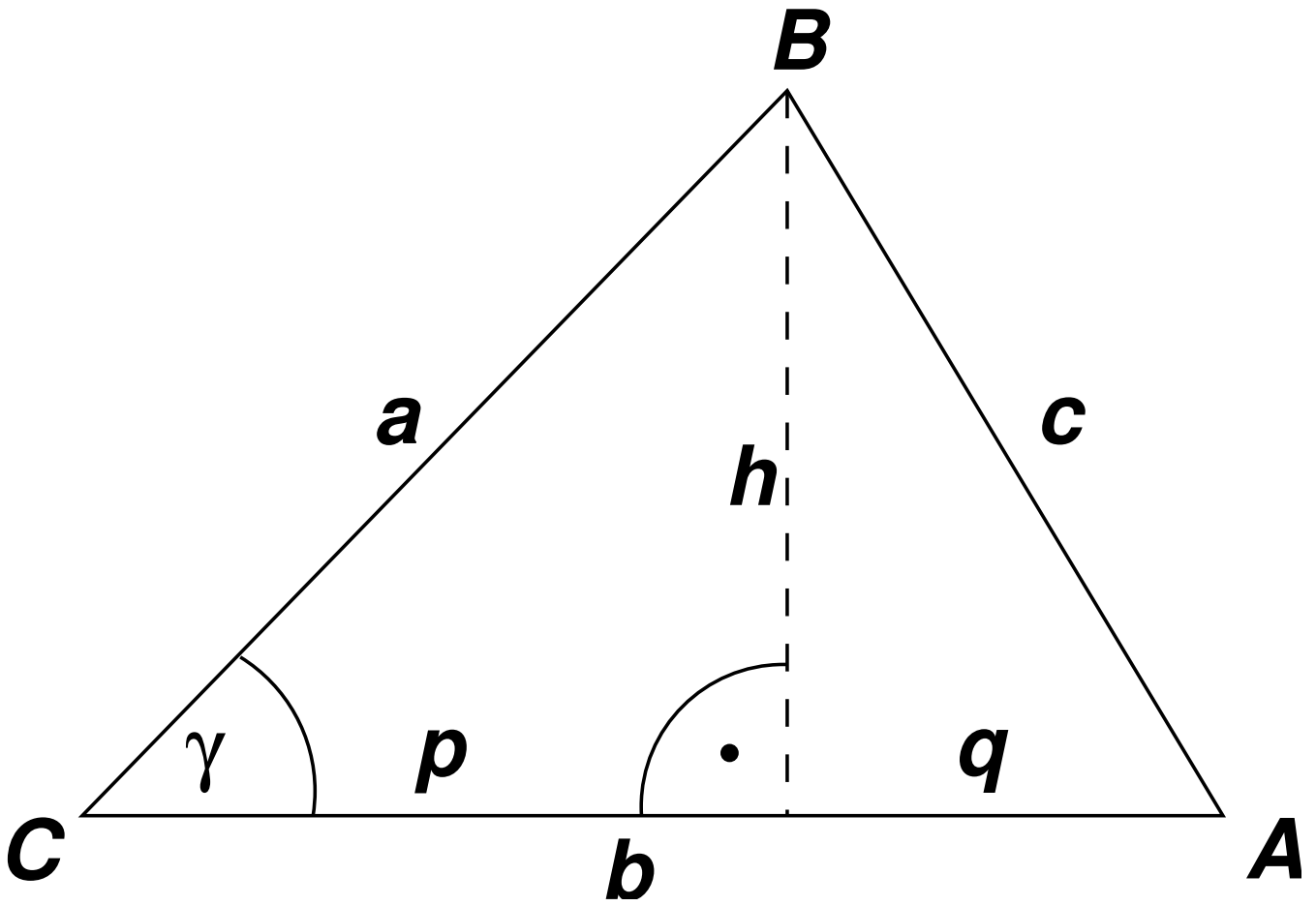


# Sinus und Cosinus



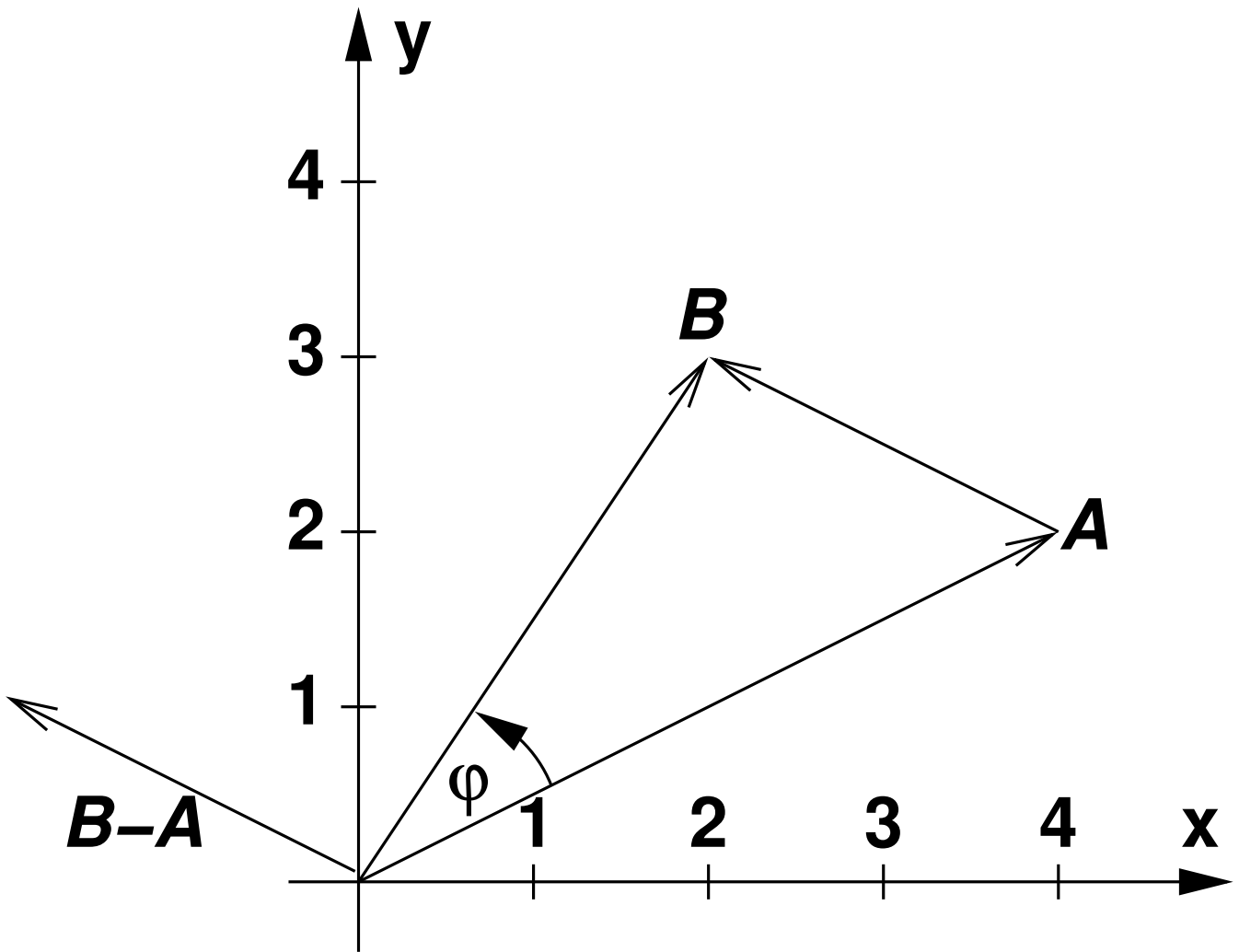


# Cosinussatz

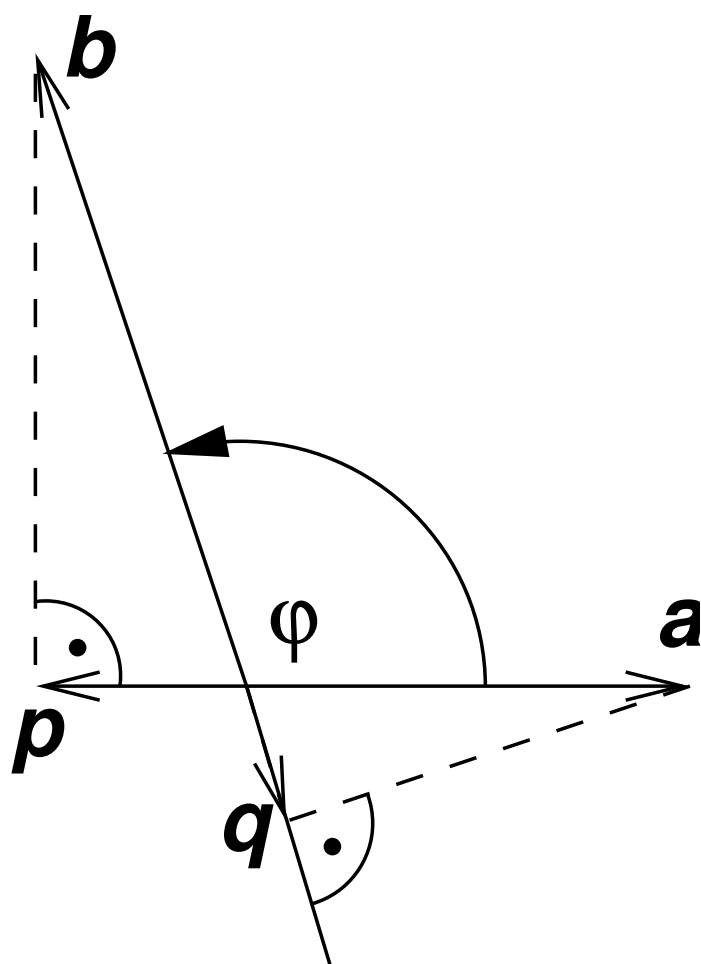
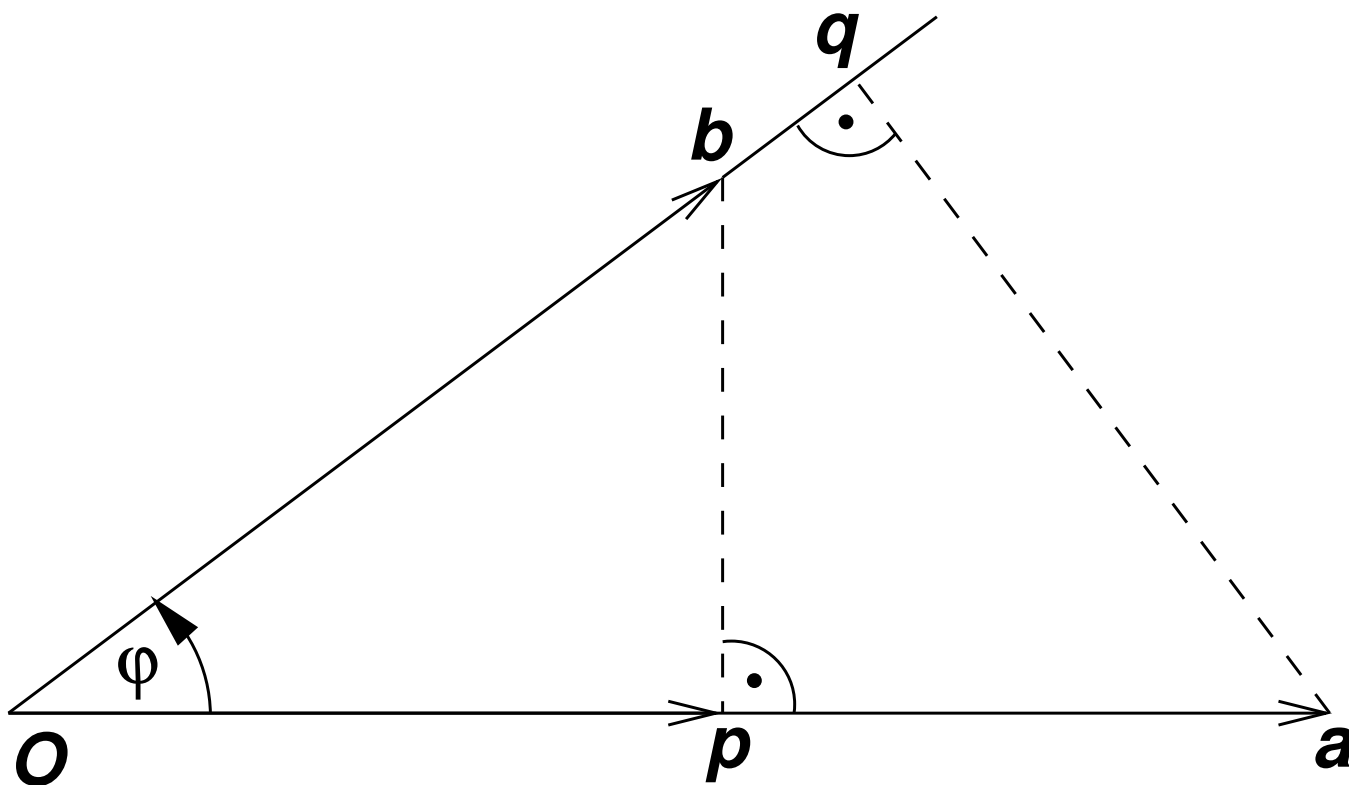


$$c^2 = a^2 + b^2 - 2 \cdot a \cdot b \cdot \cos \gamma$$

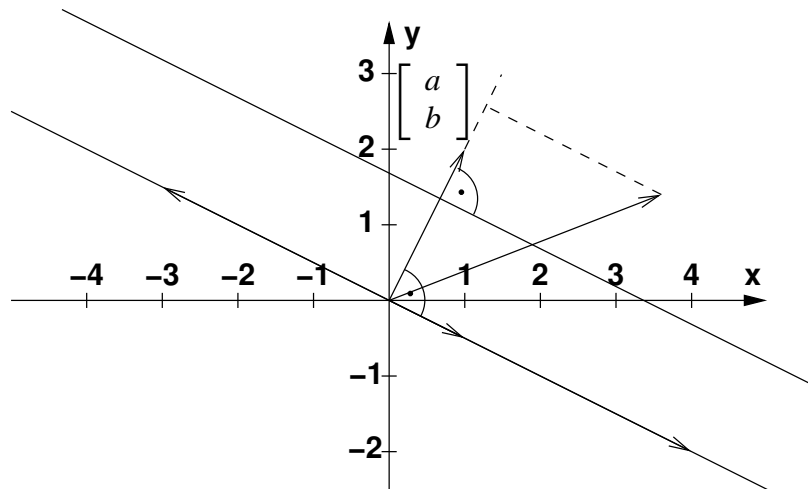
# Länge der Differenz zweier Vektoren



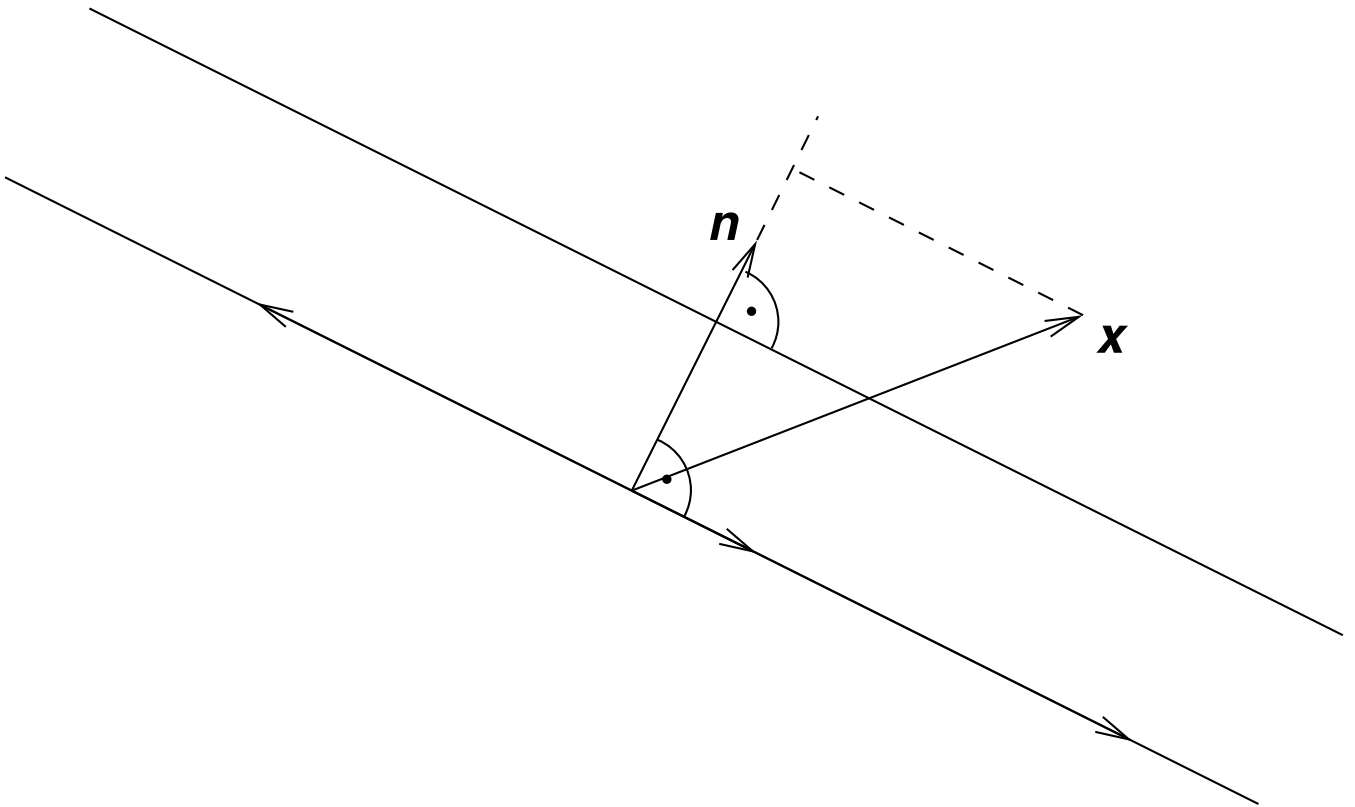
# Geometrische Interpretation des Skalarprodukts



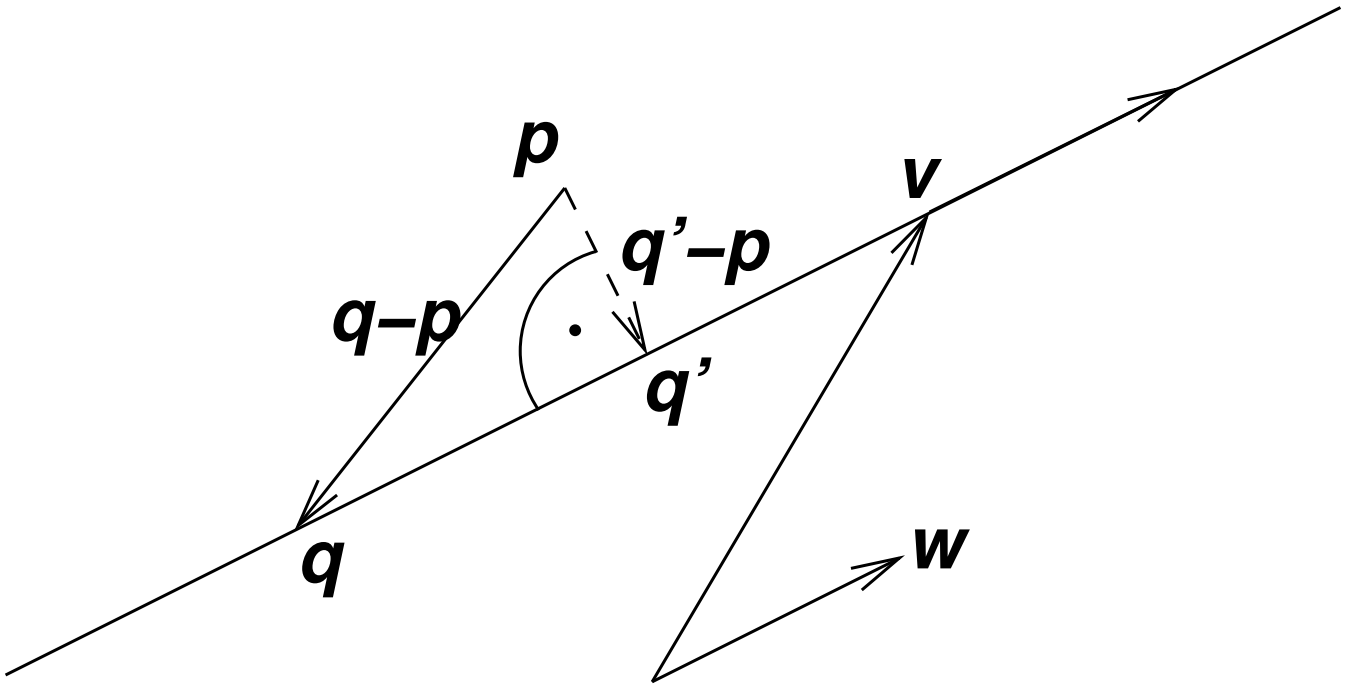
# Normalenform einer Geraden in der Ebene



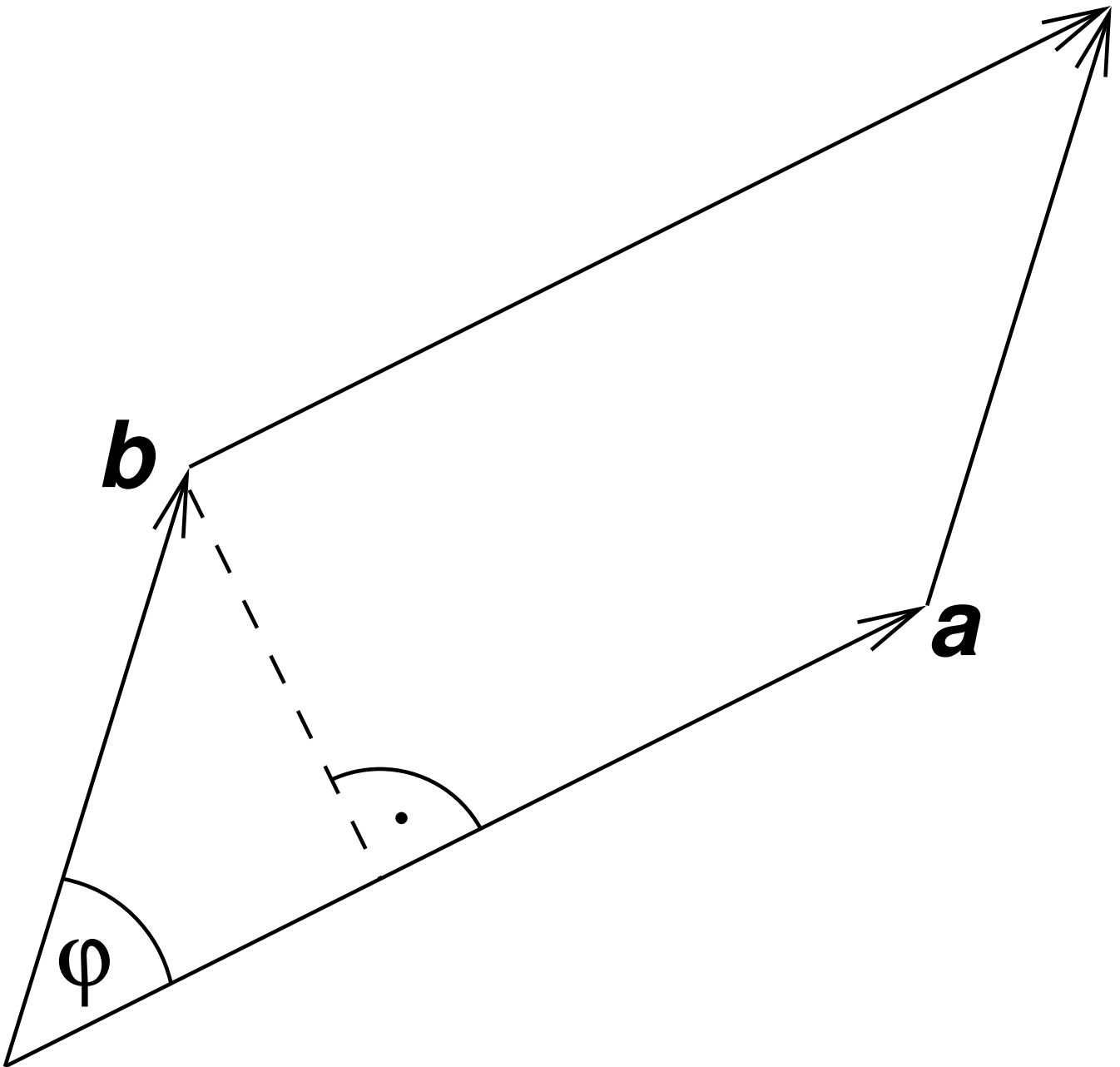
# Normalenform einer Ebene im Raum



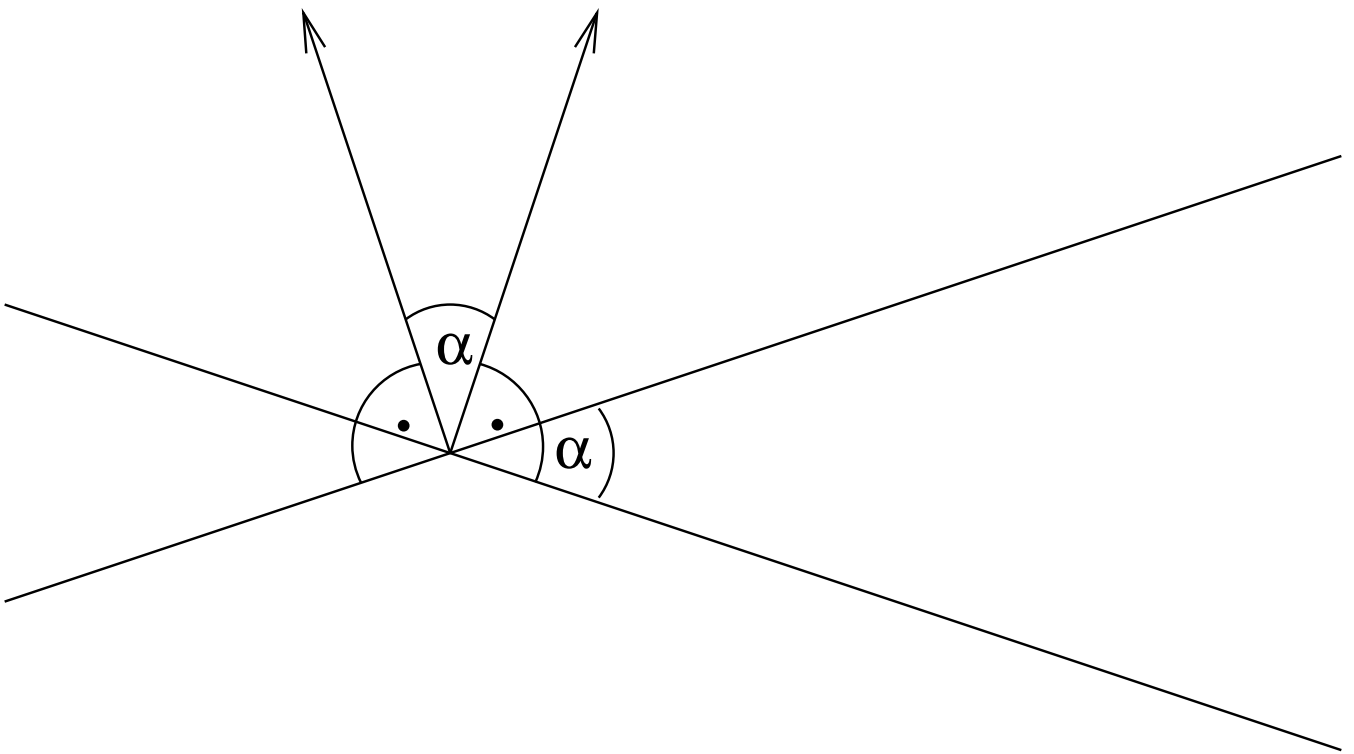
# Kürzeste Entfernung von Punkt zu Gerade



# Kreuzprodukt

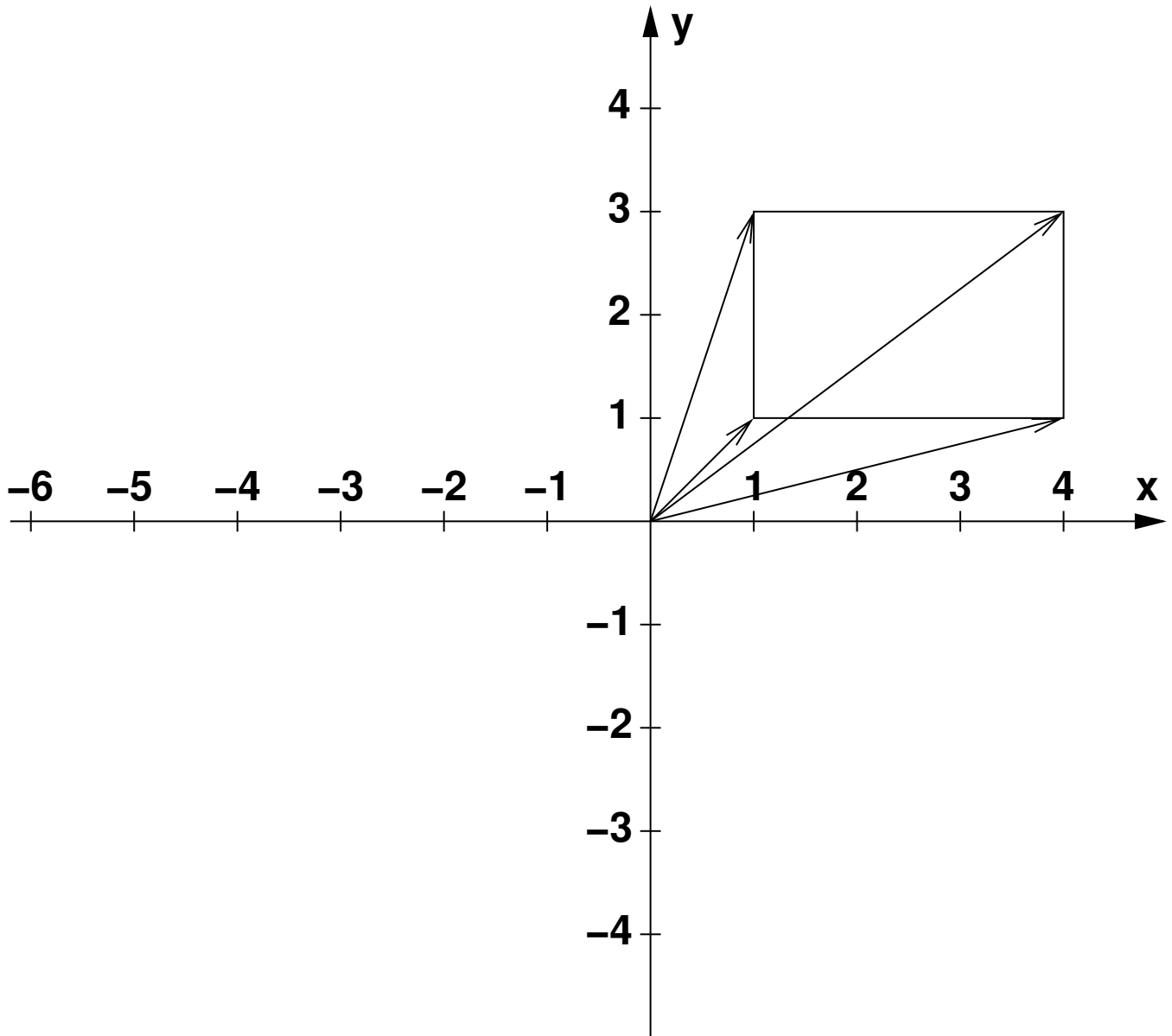


# Winkel zwischen Geraden/Ebenen

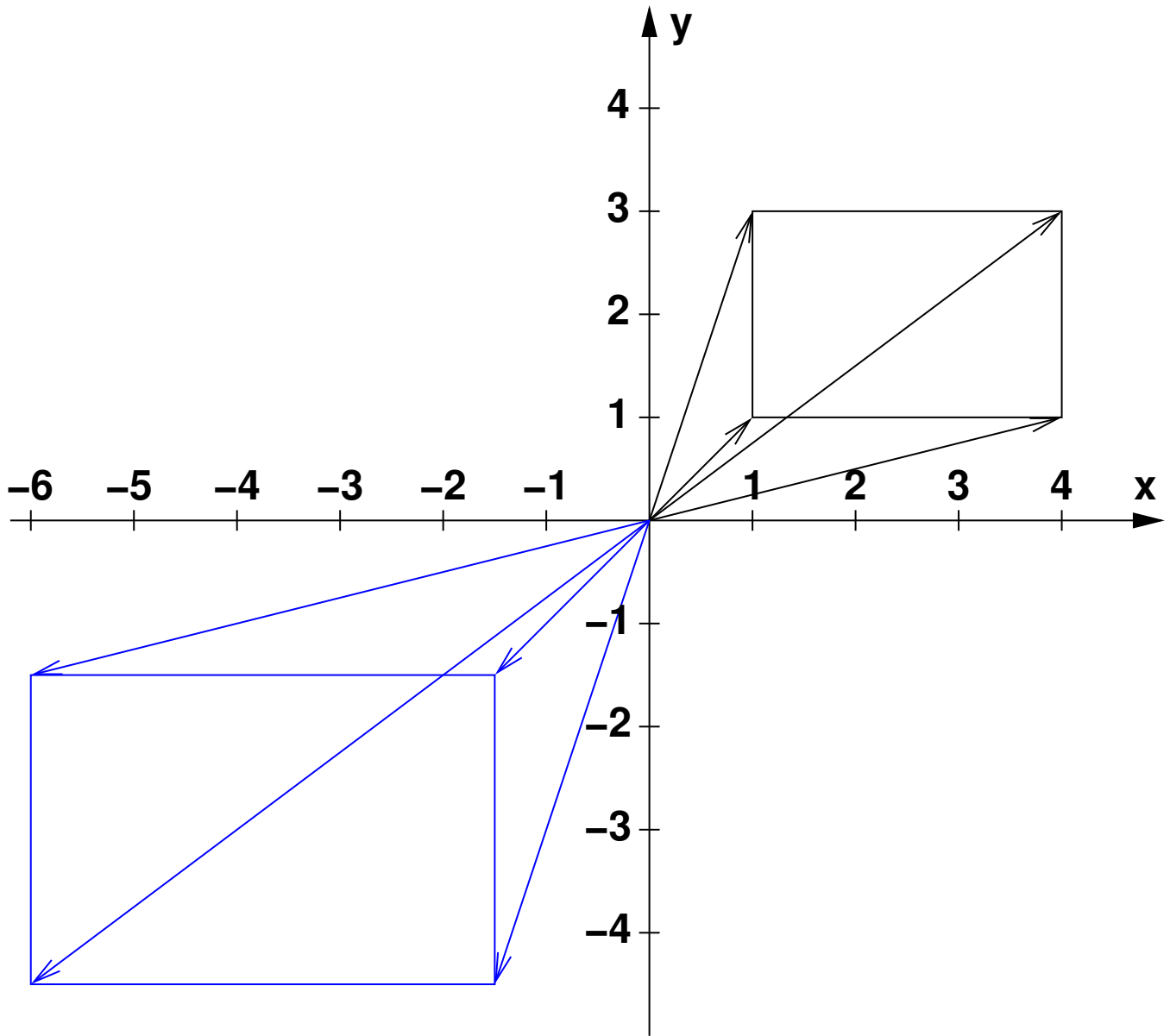




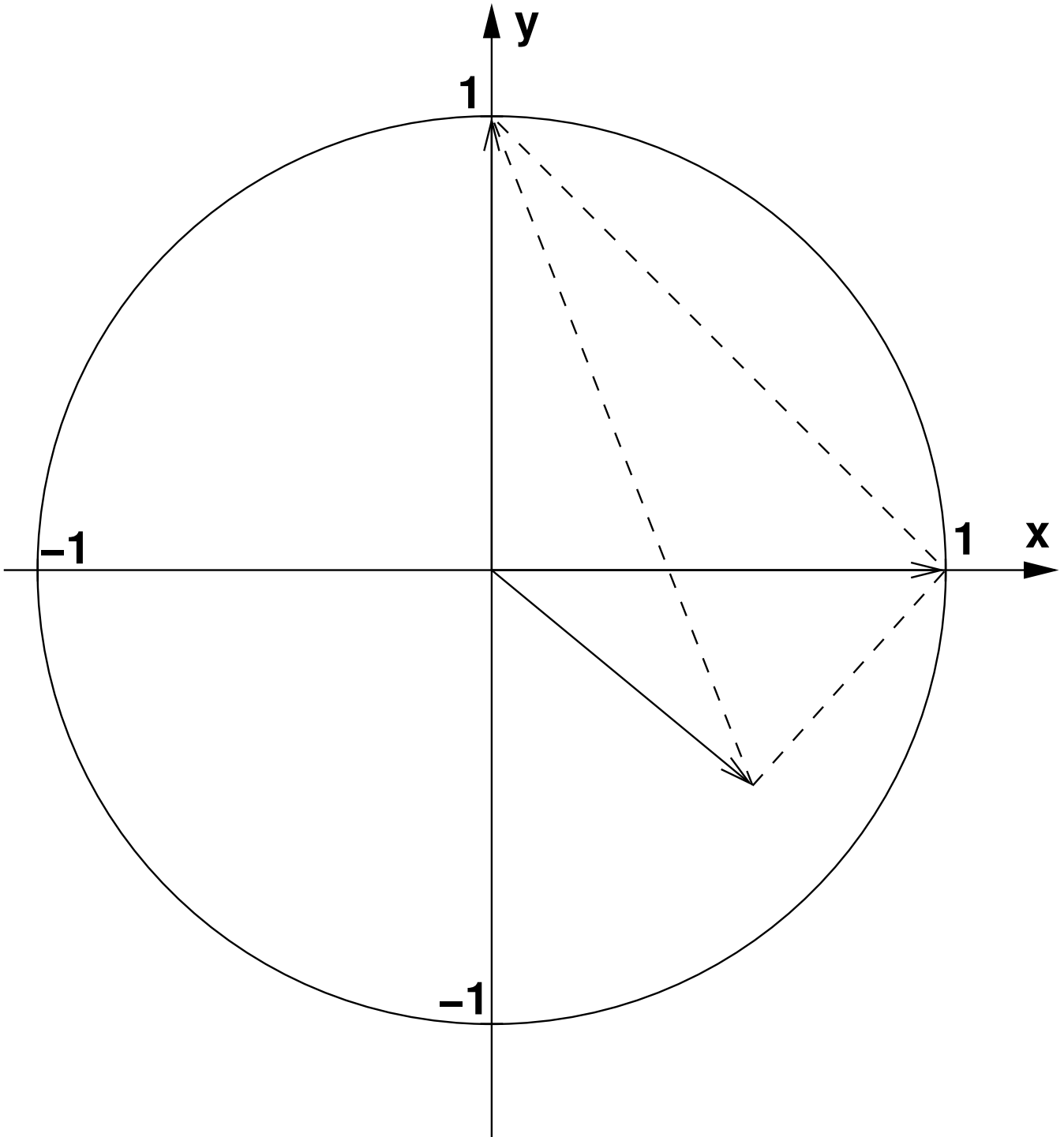
# Zentrische Streckung



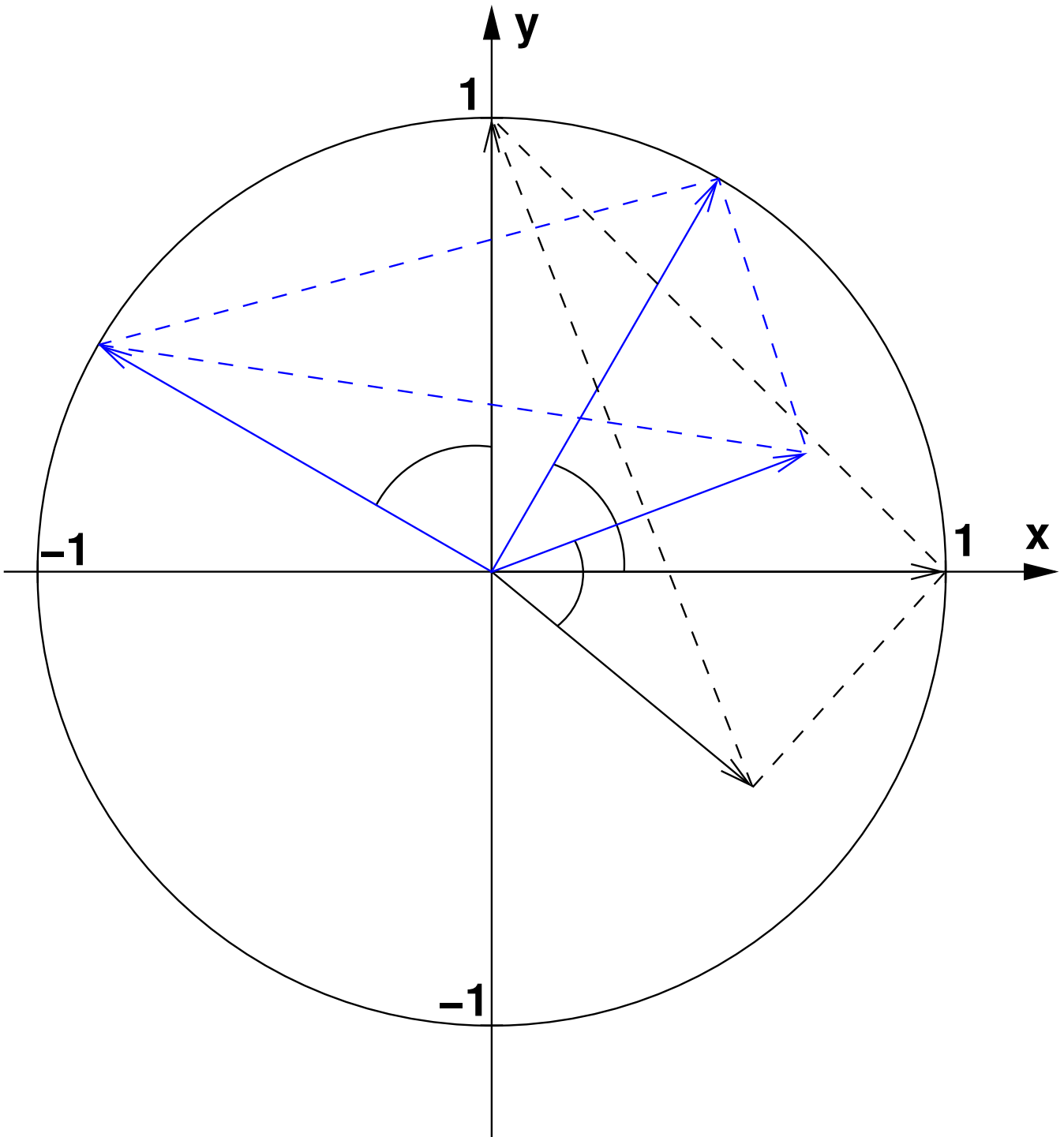
# Zentrische Streckung



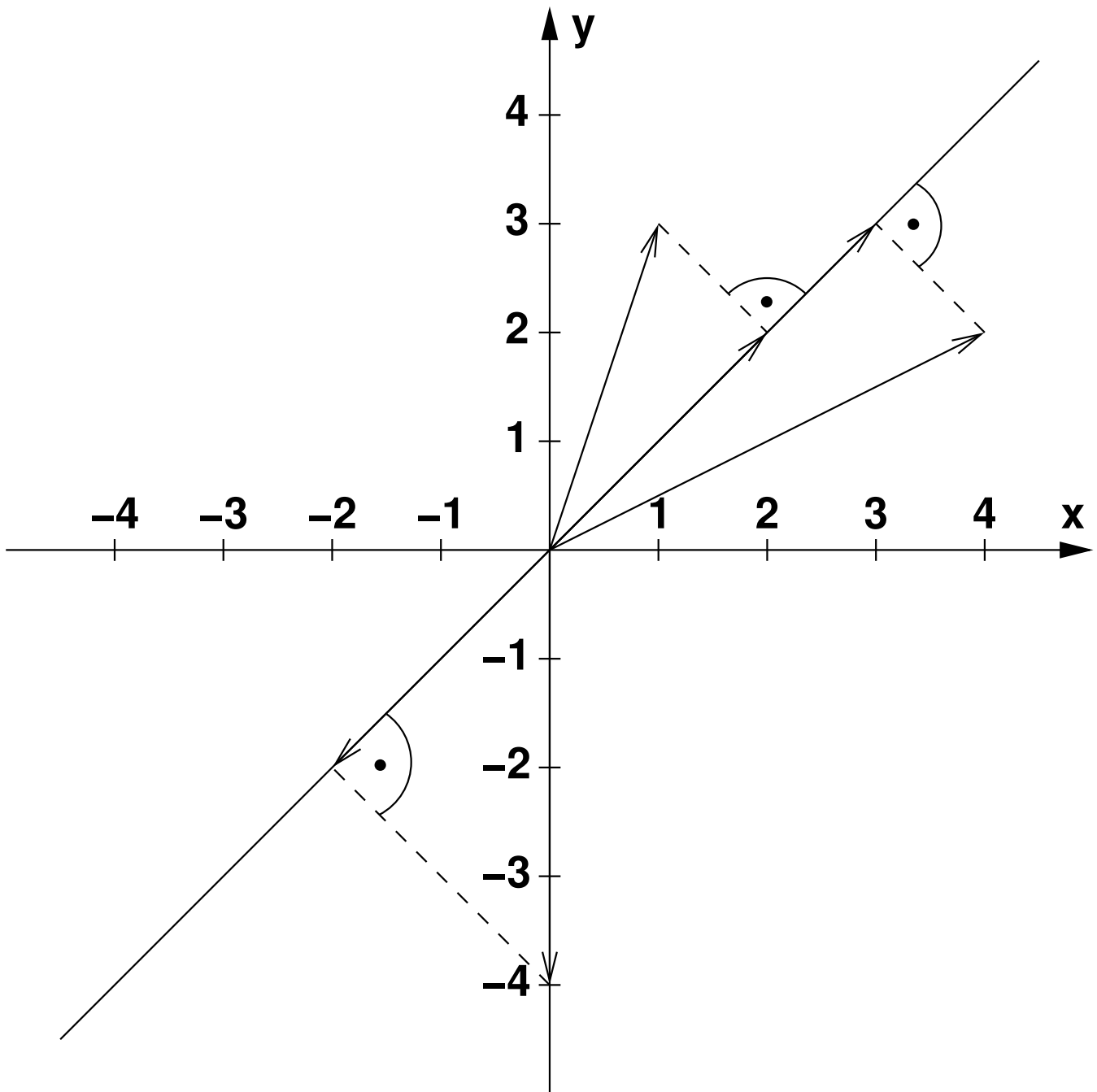
# Drehung



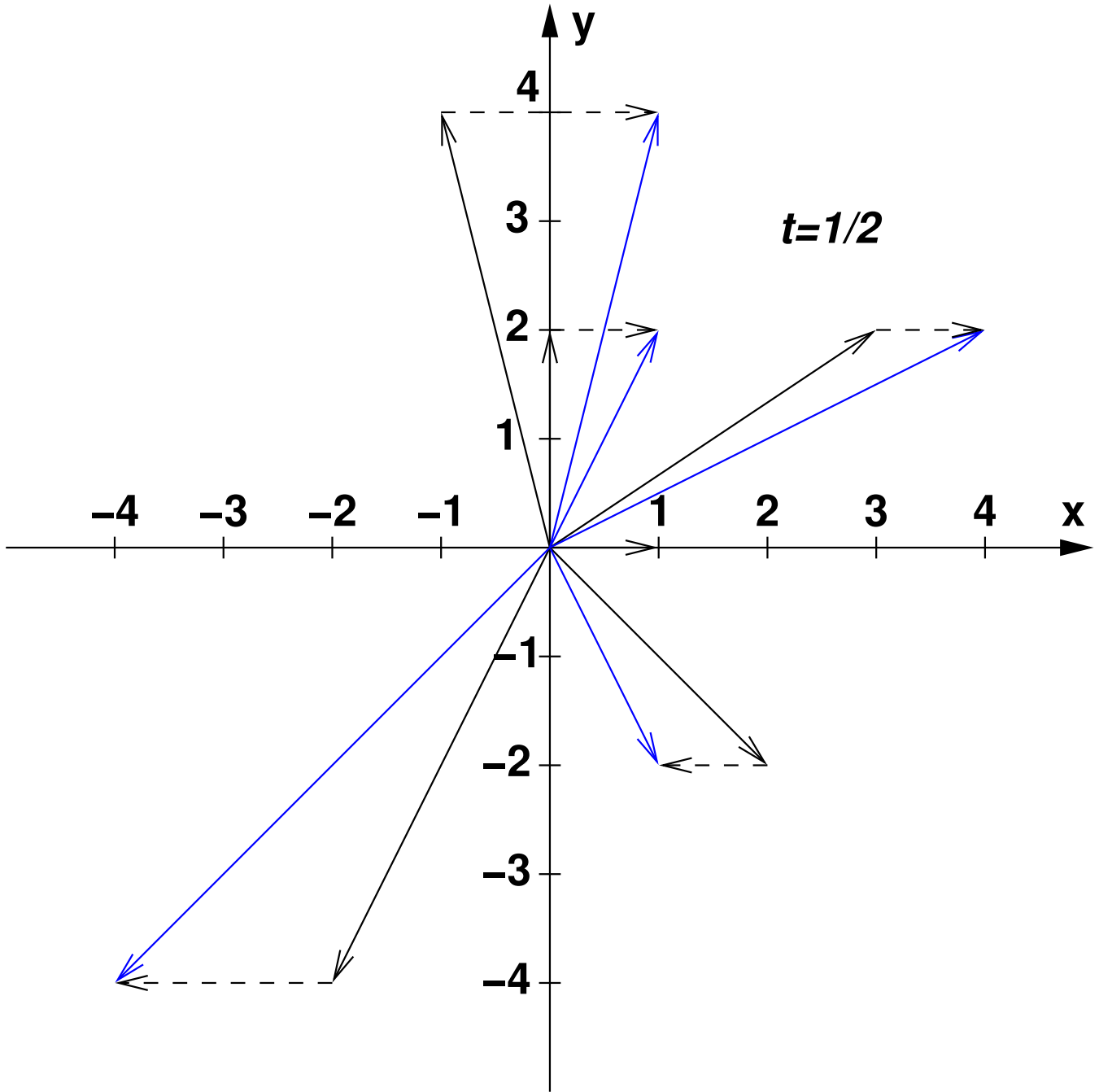
# Drehung



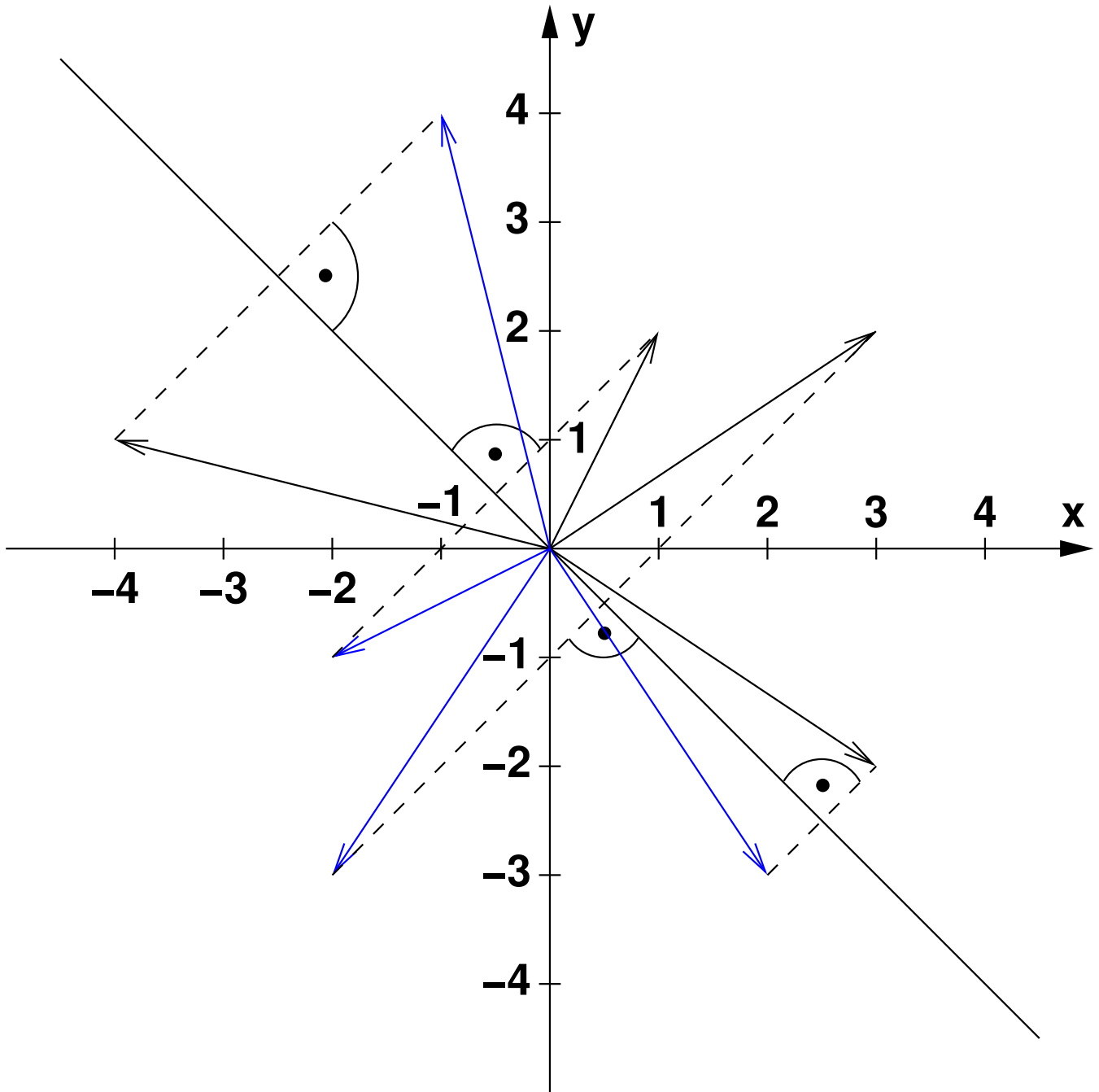
# Projektion



# Scherung



# Achsenspiegelung



Alle Dreiecke sind gleichseitig!

