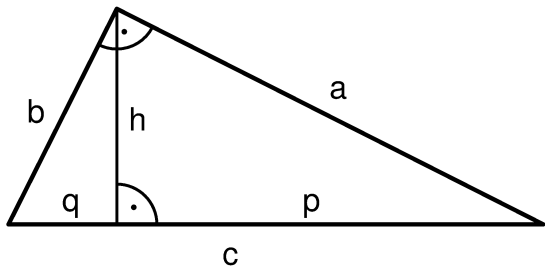


# Formeln zu den Flächensätzen

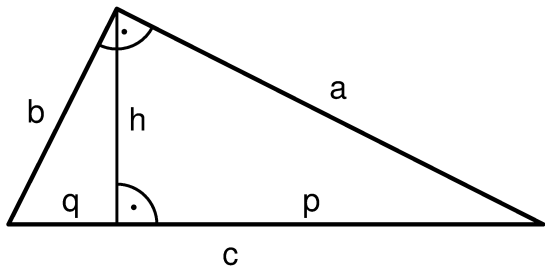
## Serie 3 (gemischt)

# Satz des Pythagoras



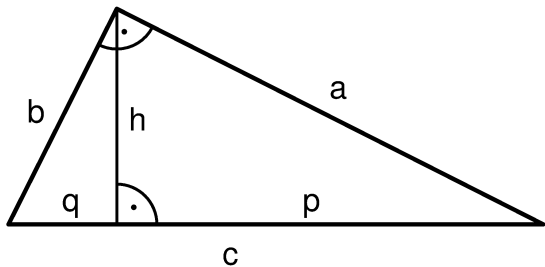
$$c = ?$$

## Satz des Pythagoras



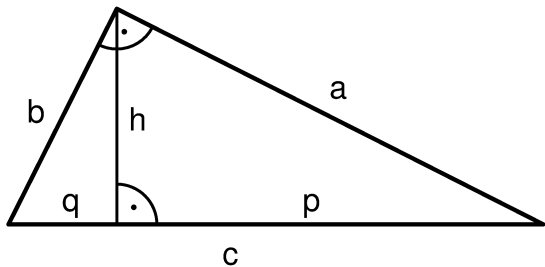
$$c = \sqrt{a^2 + b^2}$$

## Hypotenusenabschnitte



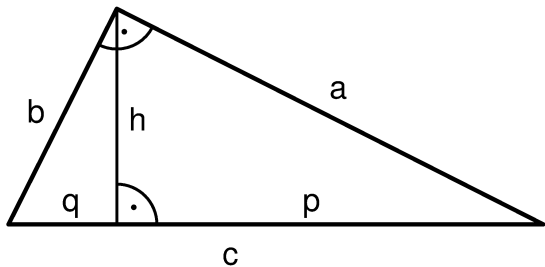
$$p = ?$$

## Hypotenusenabschnitte



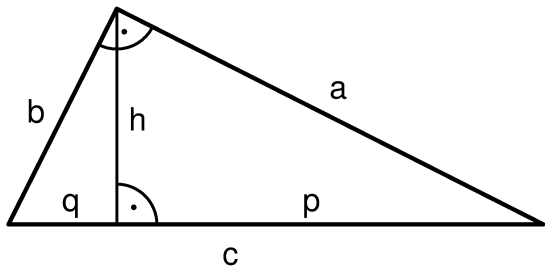
$$p = c - q$$

# Kathetensätze



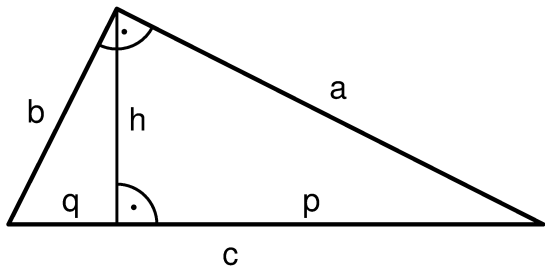
$$c = ?$$

# Kathetensätze



$$c = a^2 : p$$

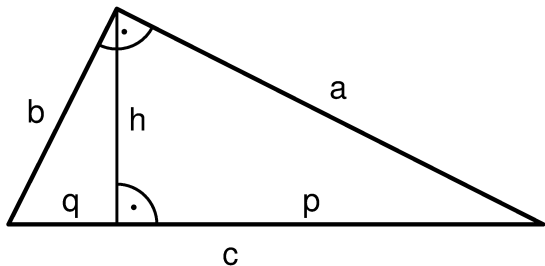
# Kathetensätze



$$c = a^2 : p = ?$$

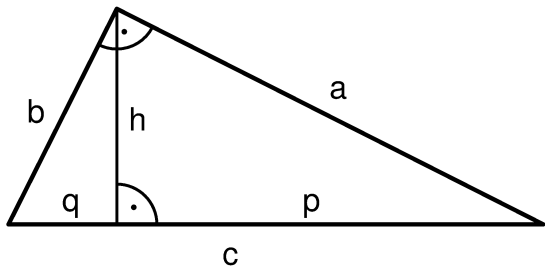


# Kathetensätze



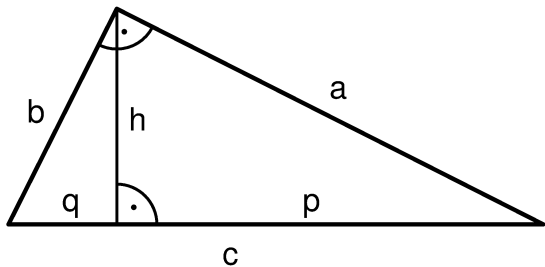
$$c = a^2 : p = b^2 : q$$

# Kathetensätze



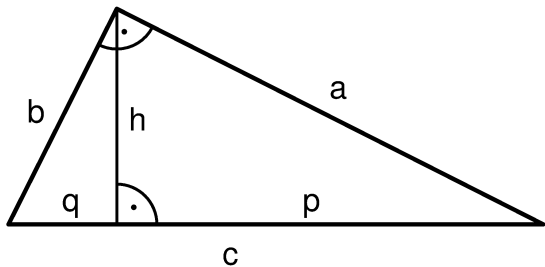
$$q = ?$$

# Kathetensätze



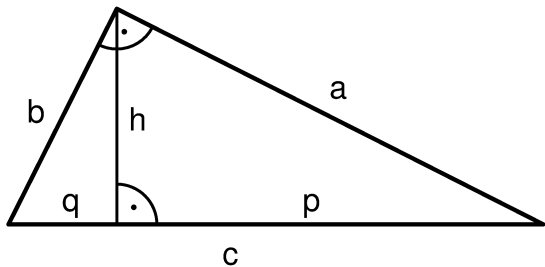
$$q = b^2 : c$$

# Kathetensätze



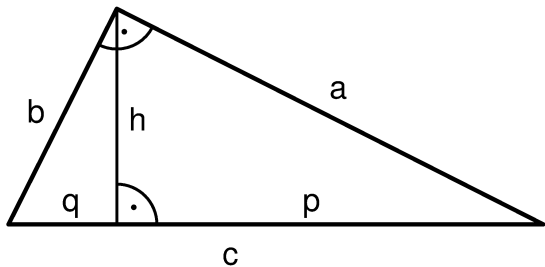
$$p = ?$$

# Kathetensätze



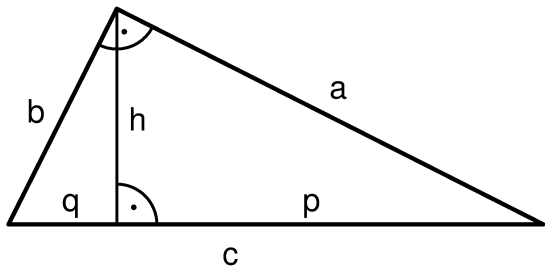
$$p = a^2 : c$$

## Hypotenusenabschnitte



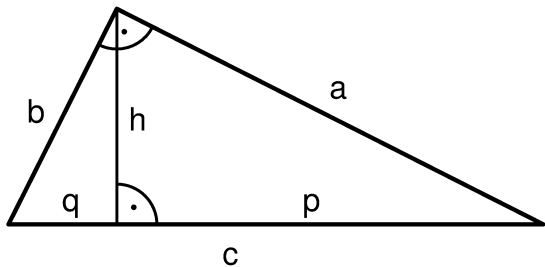
$$q = ?$$

## Hypotenusenabschnitte



$$q = c - p$$

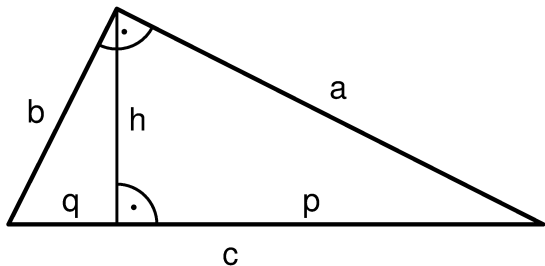
# Satz des Pythagoras



$$b = ?$$

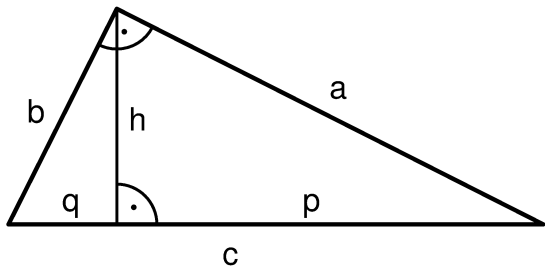


## Satz des Pythagoras



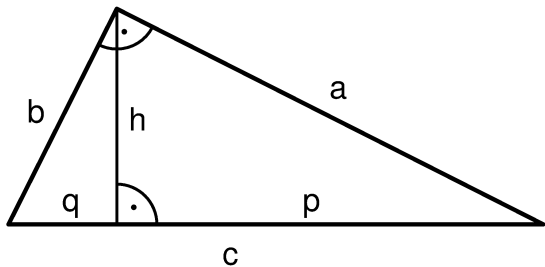
$$b = \sqrt{c^2 - a^2}$$

# Höhensatz



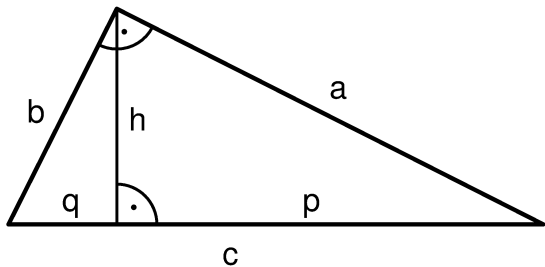
$$p = ?$$

# Höhensatz



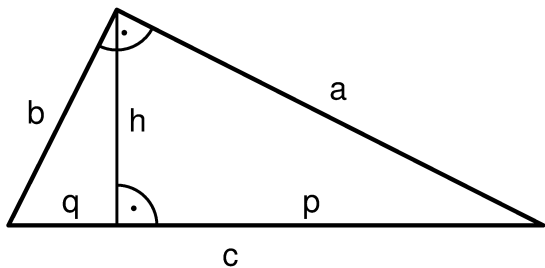
$$p = h^2 : q$$

# Höhensatz



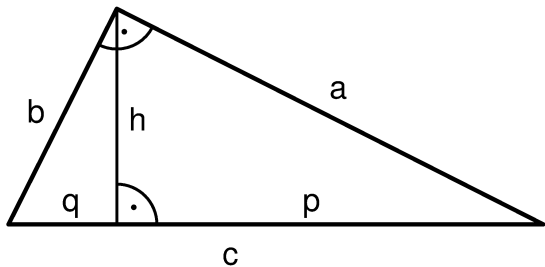
$$h = ?$$

# Höhensatz



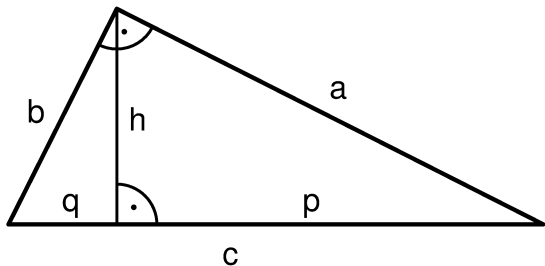
$$h = \sqrt{p \cdot q}$$

# Satz des Pythagoras



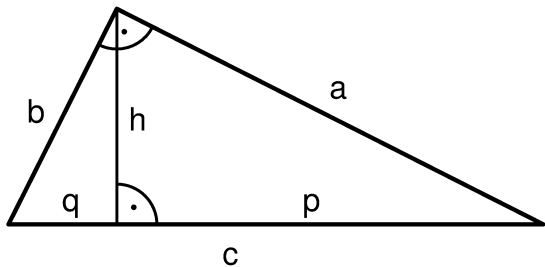
$$a = ?$$

## Satz des Pythagoras



$$a = \sqrt{c^2 - b^2}$$

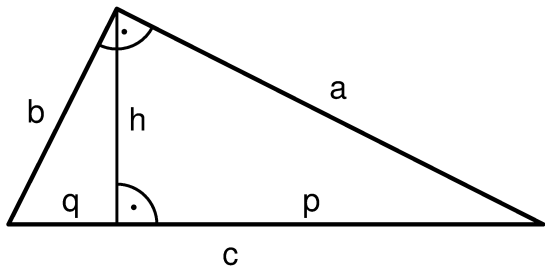
# Kathetensätze



$$b = ?$$

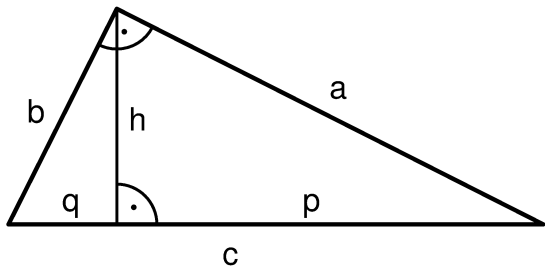


# Kathetensätze



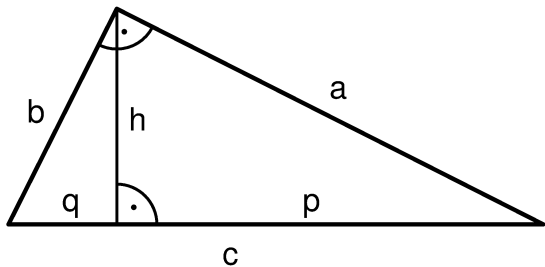
$$b = \sqrt{q \cdot c}$$

# Höhensatz



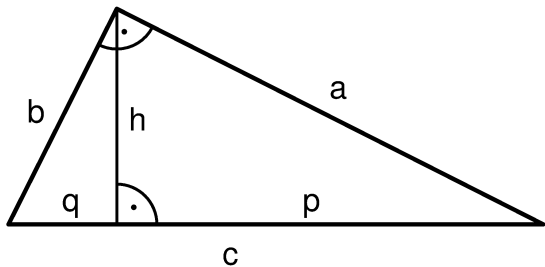
$$q = ?$$

# Höhensatz



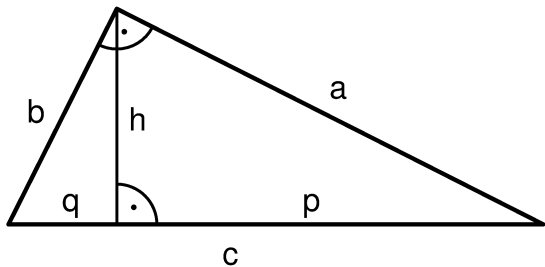
$$q = h^2 : p$$

## Hypotenusenabschnitte



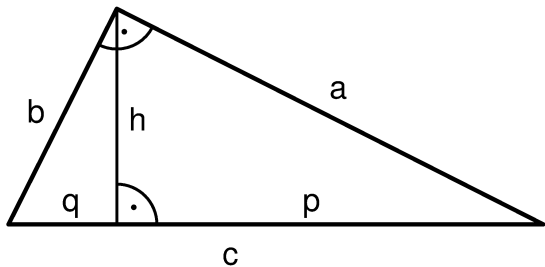
$$c = ?$$

## Hypotenusenabschnitte



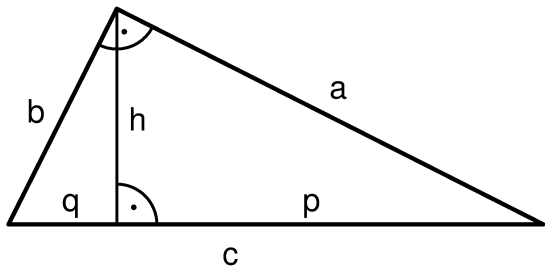
$$c = p + q$$

# Kathetensätze



$$a = ?$$

# Kathetensätze



$$a = \sqrt{p \cdot c}$$