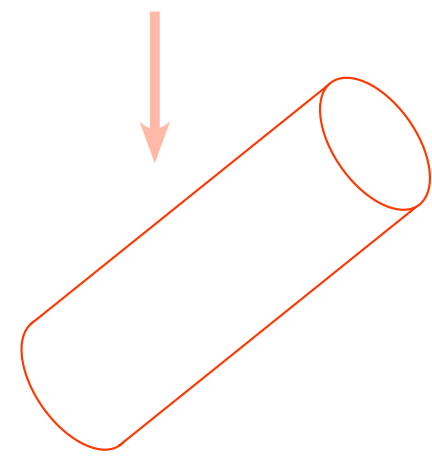
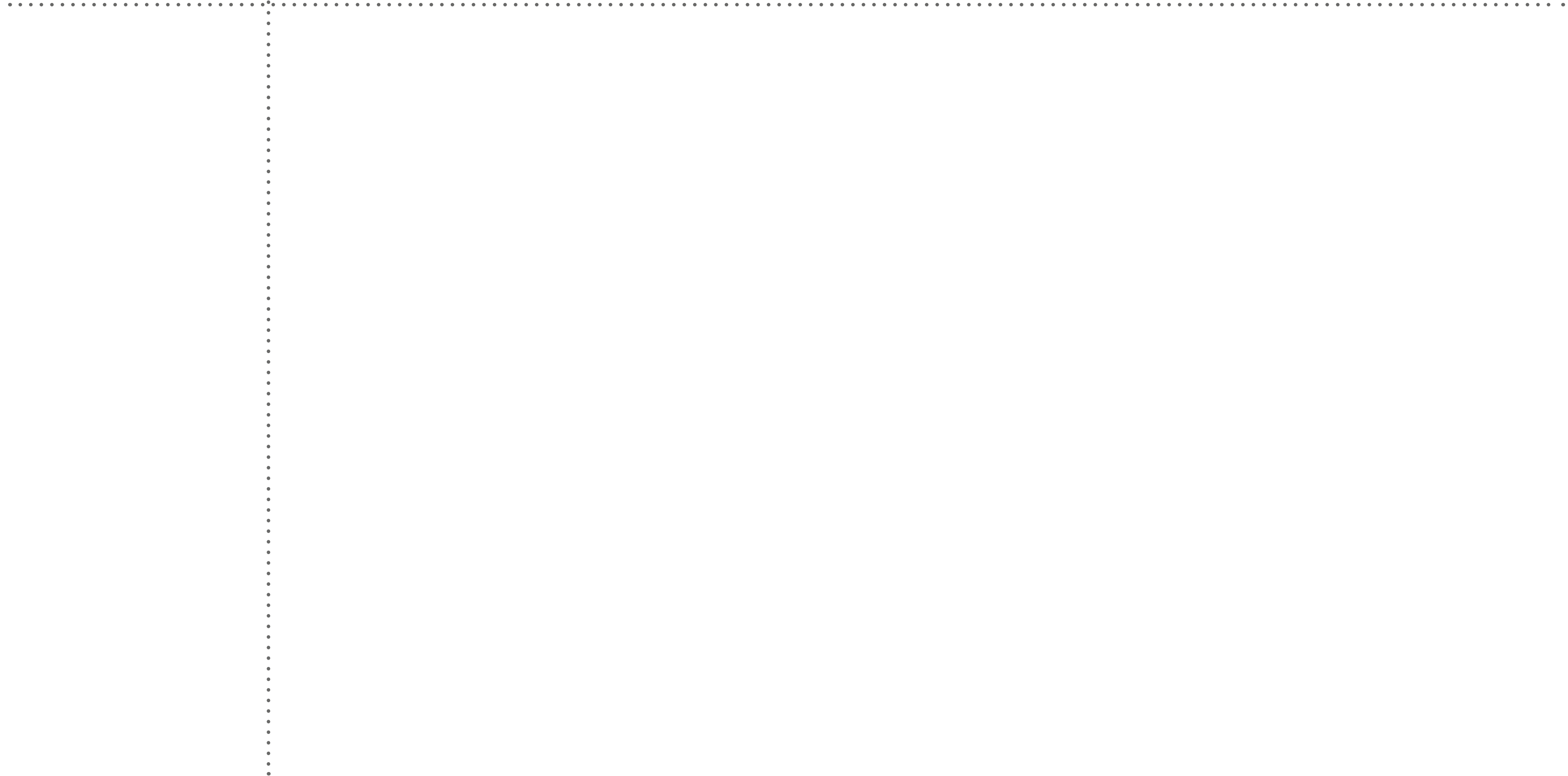
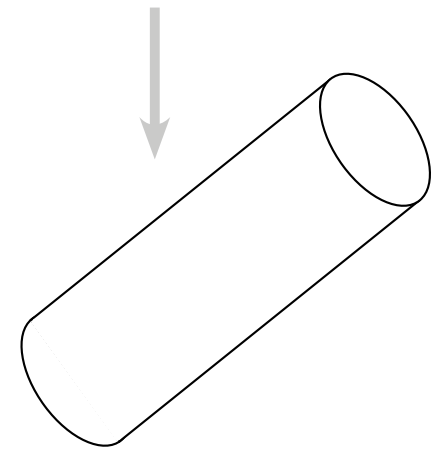


Design-Matrix



Ausgangsmaterial



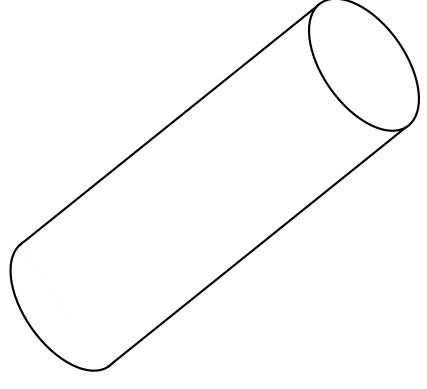


Ausgangsmaterial

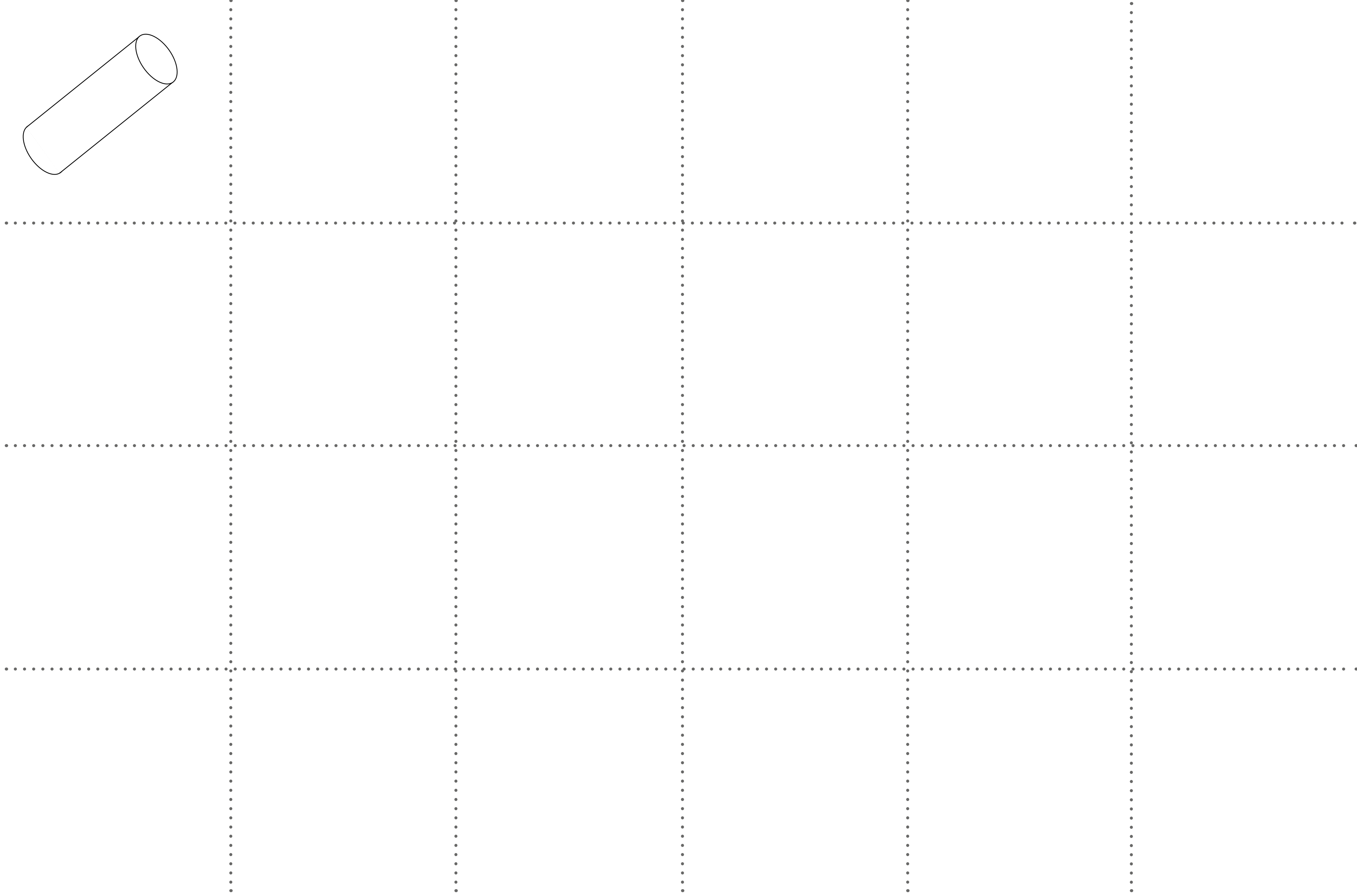
Das **Allerwichtigste ist:**

Es darf erst gebaut werden, wenn der gesamte Plan gezeichnet ist!!!

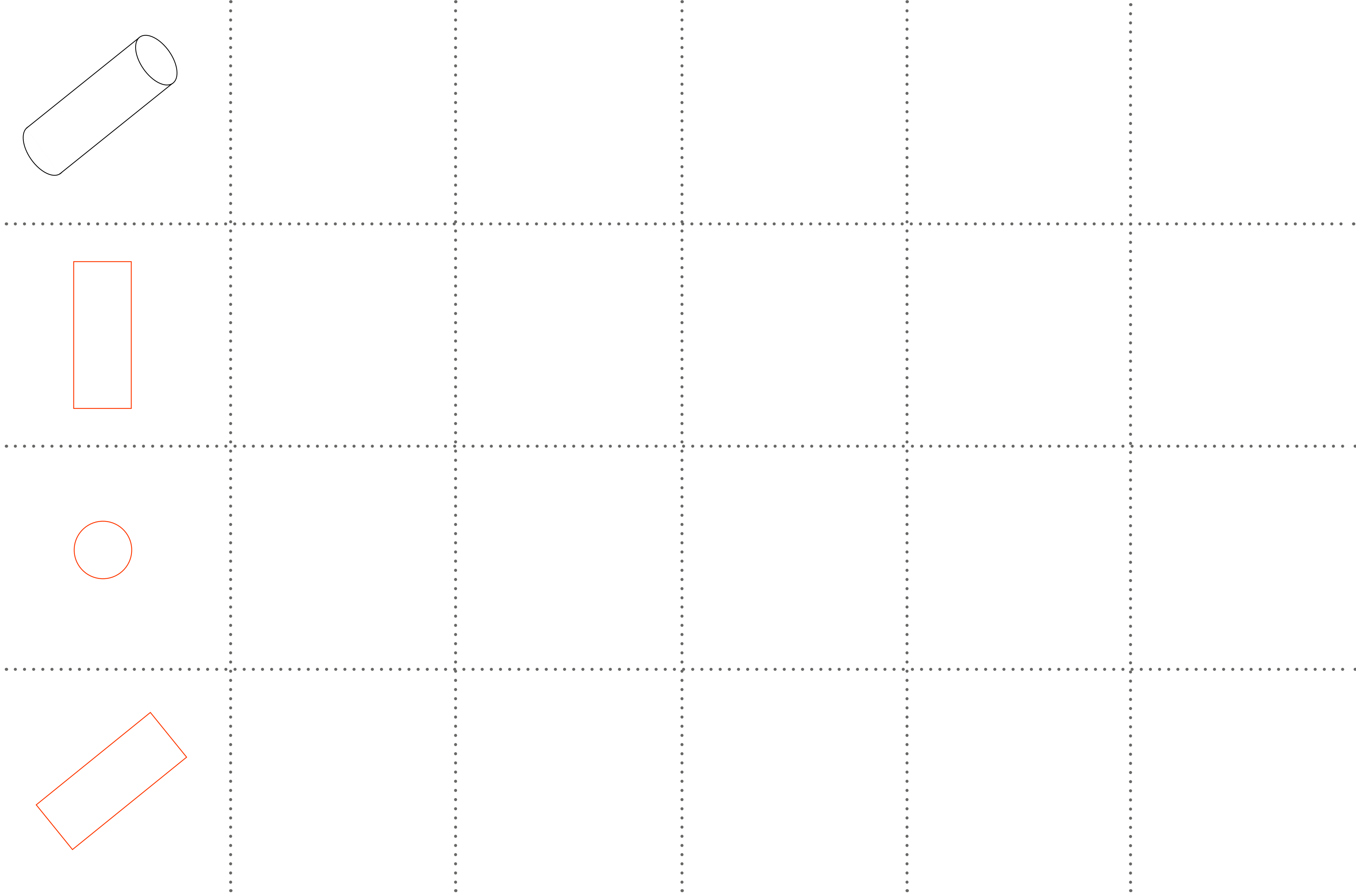
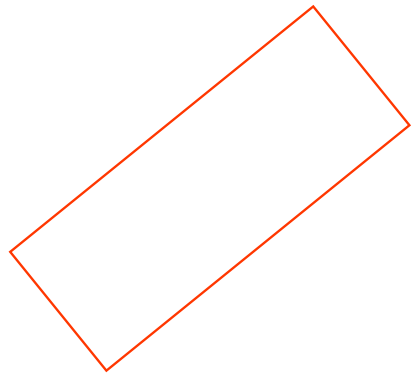
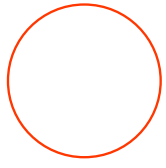
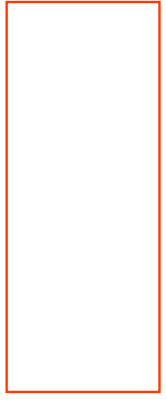
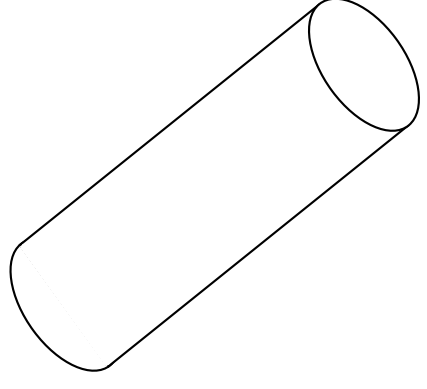
Zuerst 2D und dann Schritt für Schritt 3D.



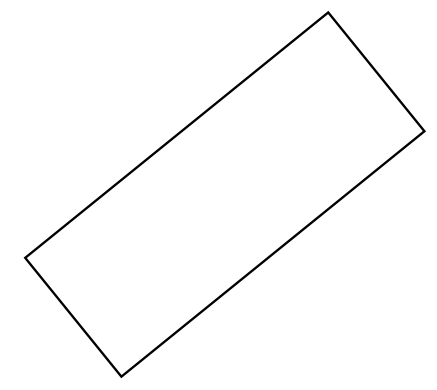
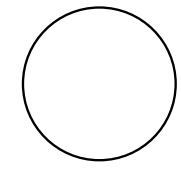
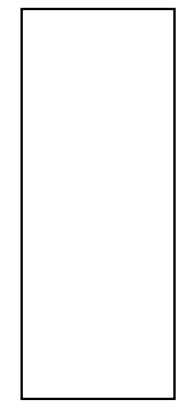
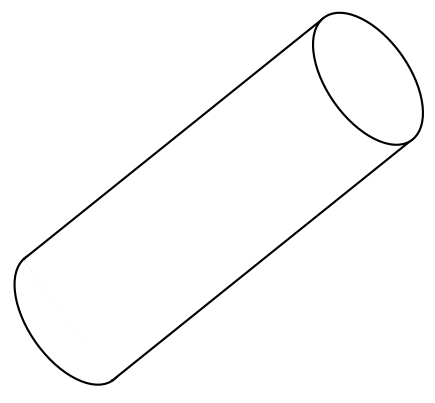
Ansichten



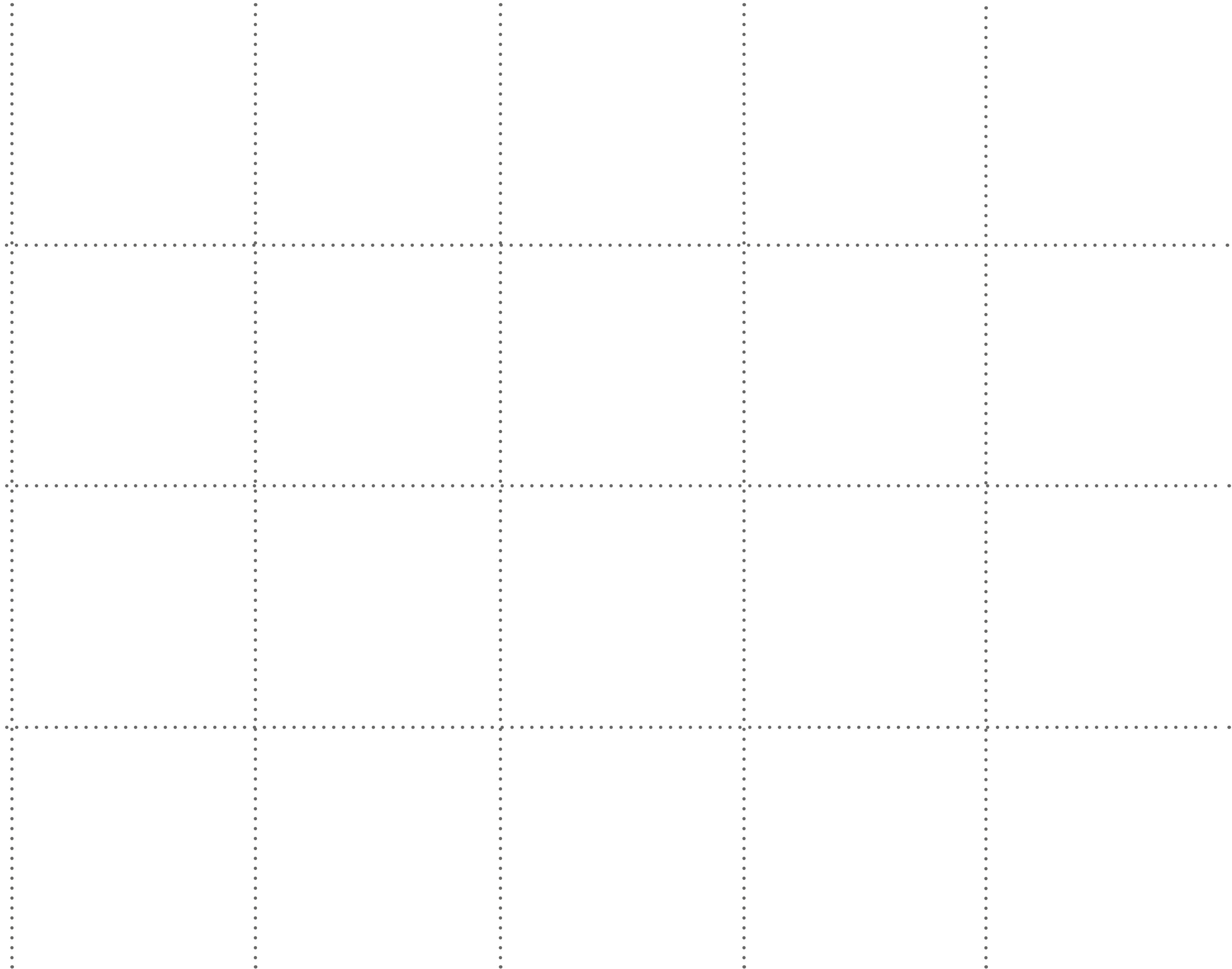
Ansichten



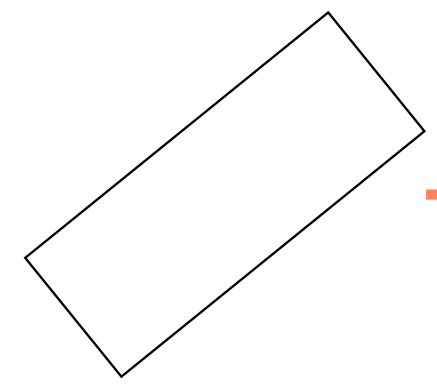
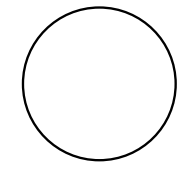
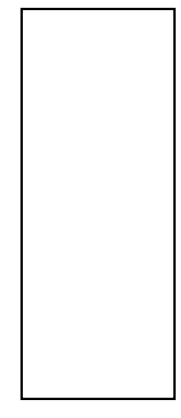
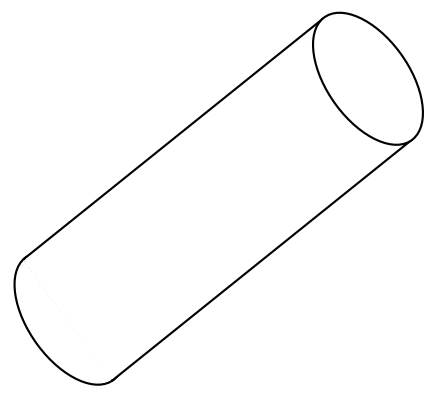
Ansichten



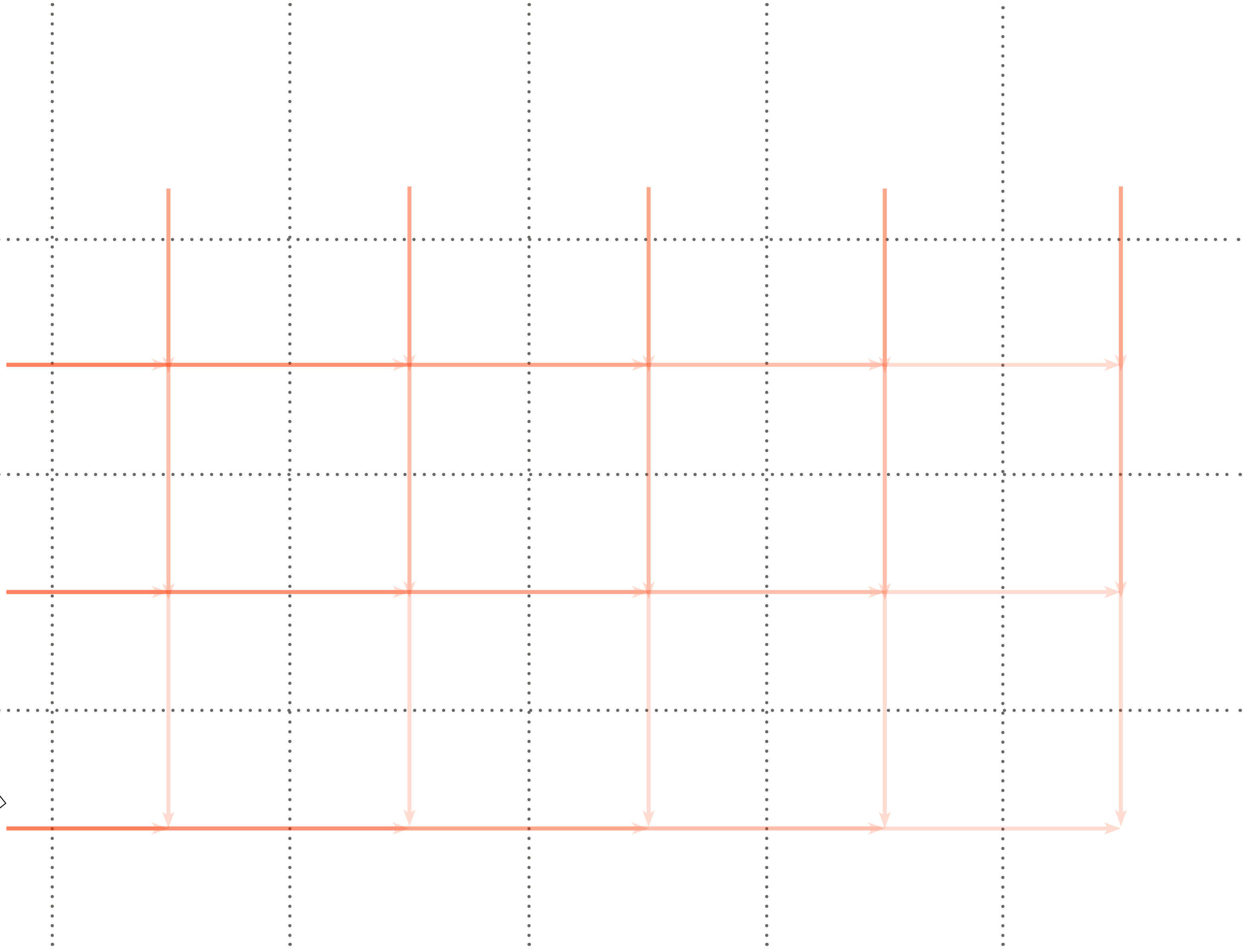
Aktionen

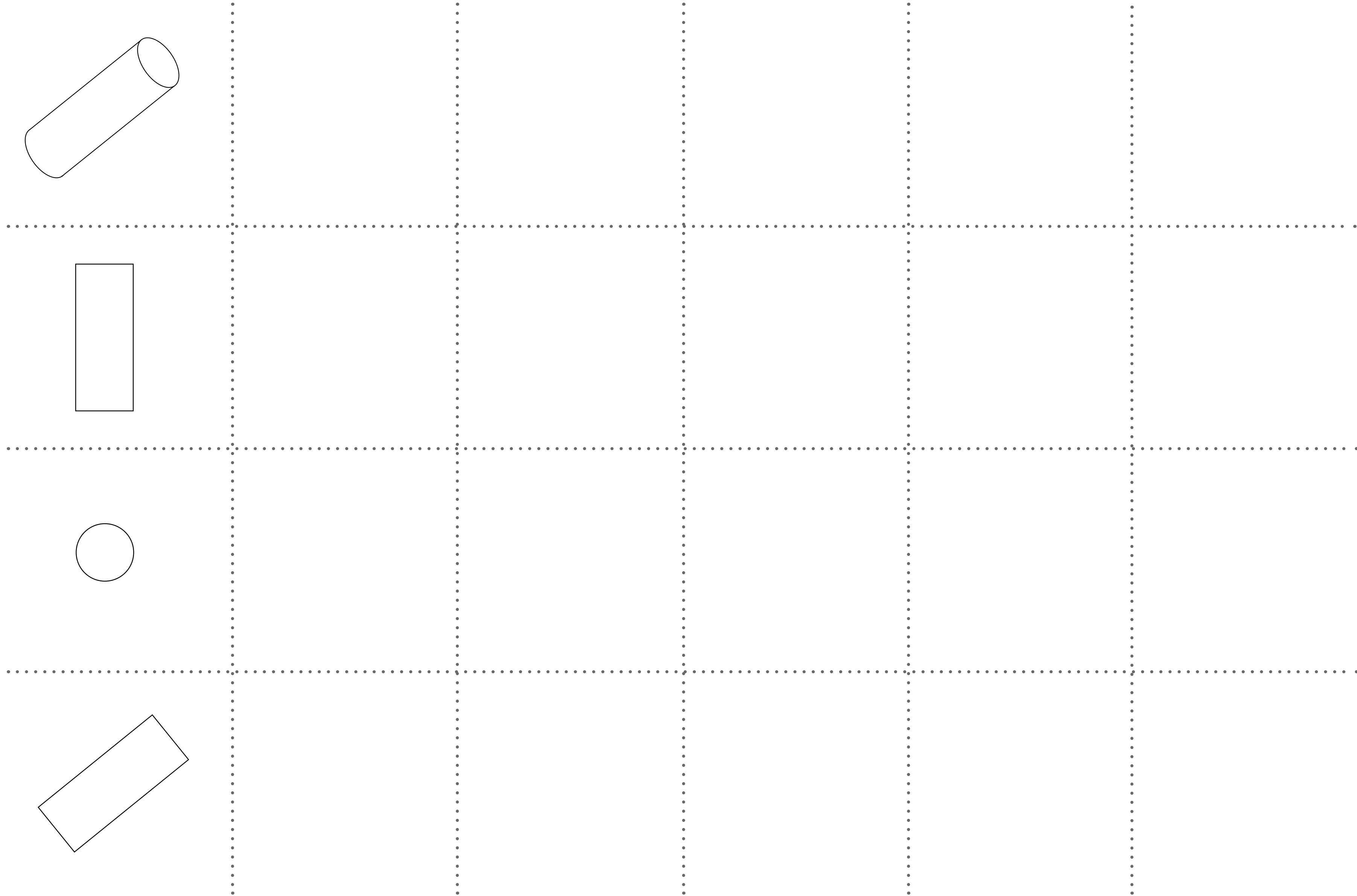
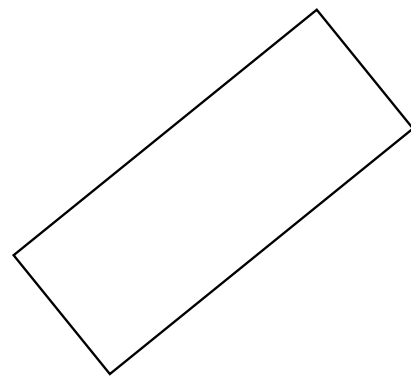
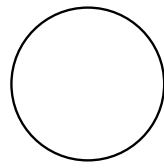
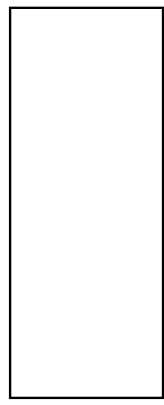
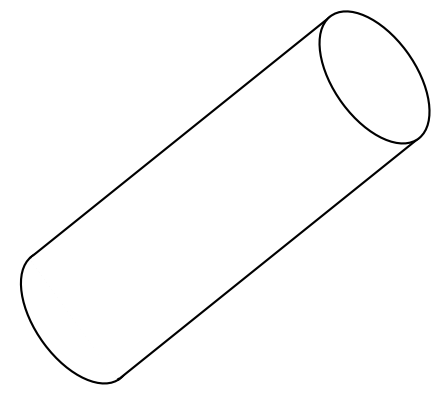


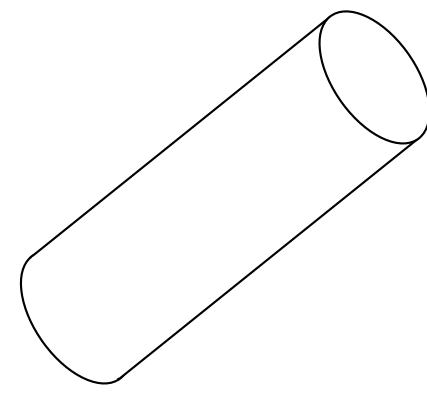
Ansichten



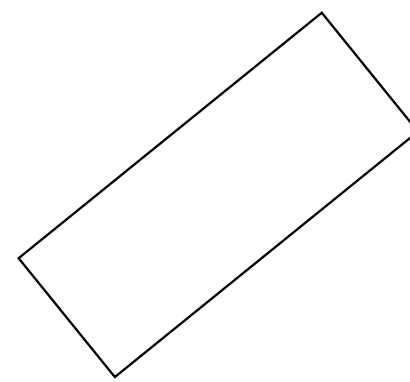
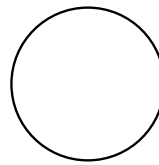
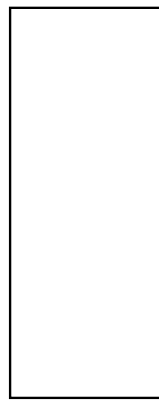
Aktionen

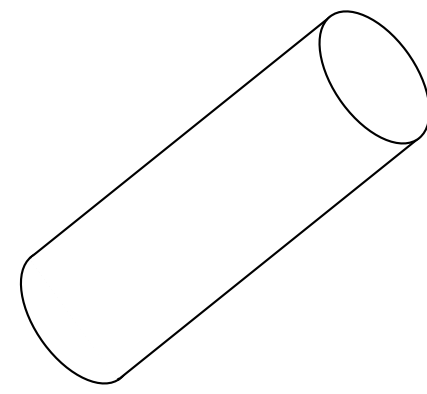




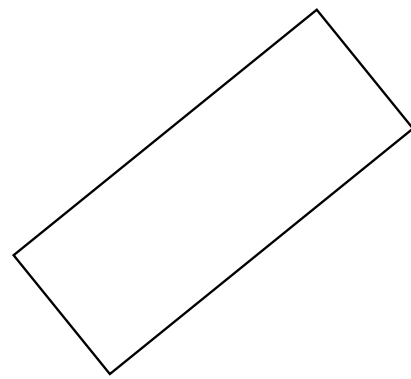
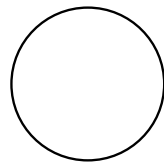
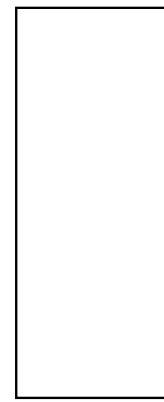
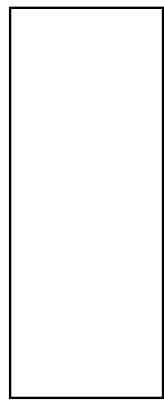


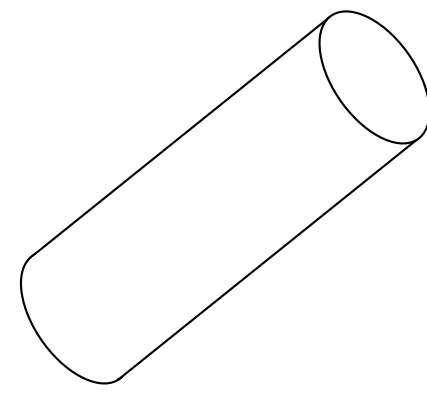
1x Schnitt
waagrecht
durch die Mitte der An-
sicht



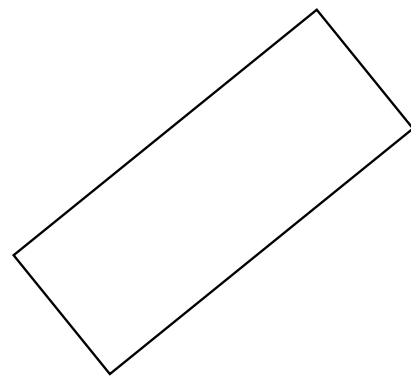
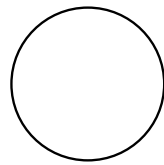
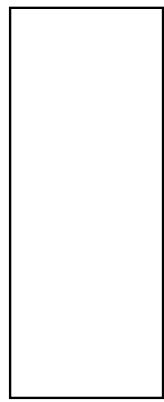


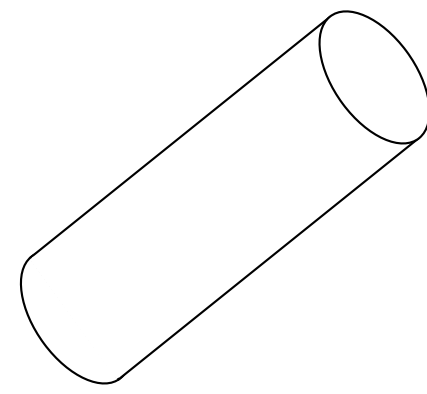
1x Schnitt
waagrecht
durch die Mitte der An-
sicht



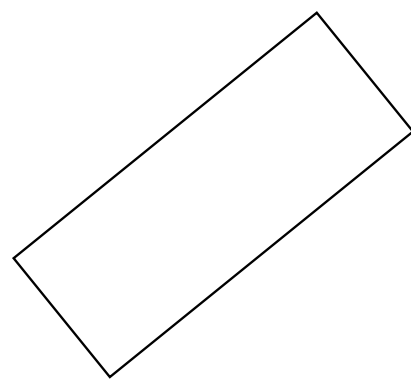
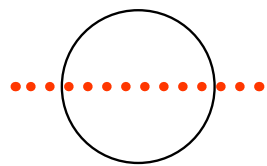
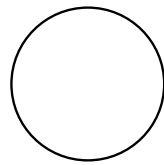
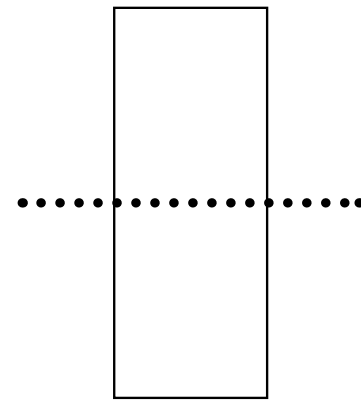
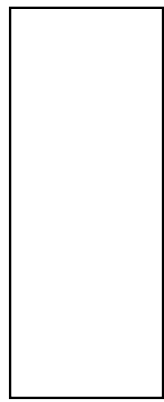


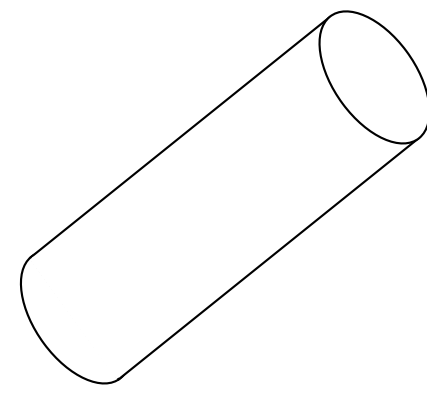
1x Schnitt
waagrecht
durch die Mitte der An-
sicht



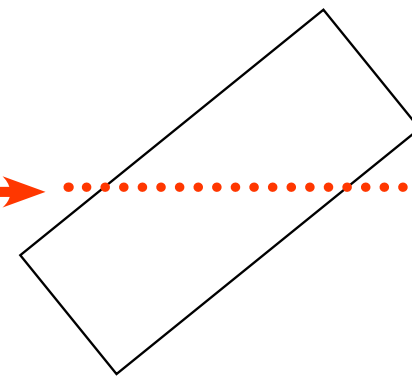
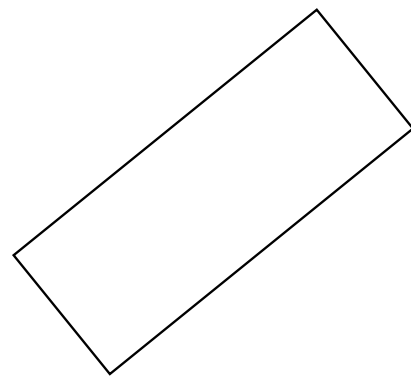
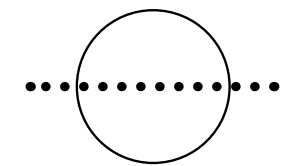
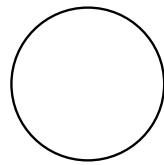
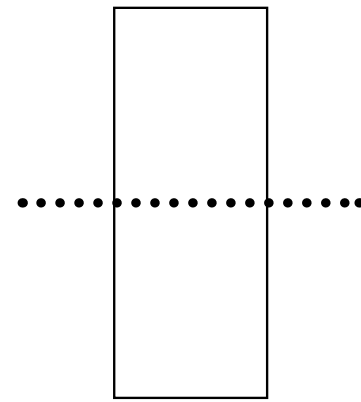
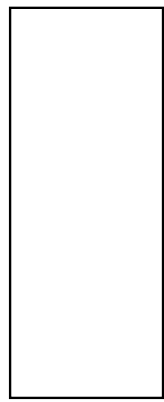


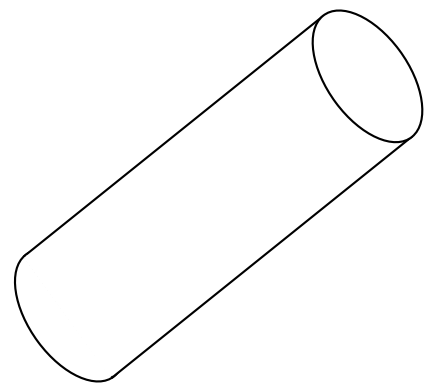
1x Schnitt
waagrecht
durch die Mitte der An-
sicht



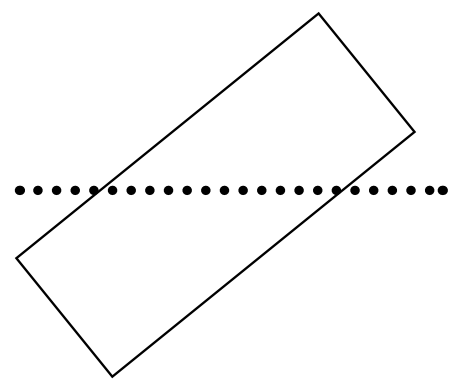
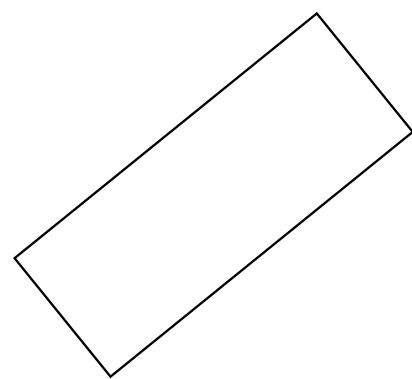
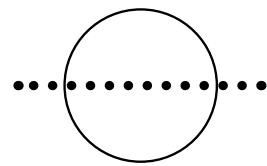
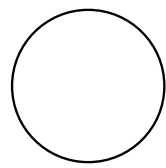
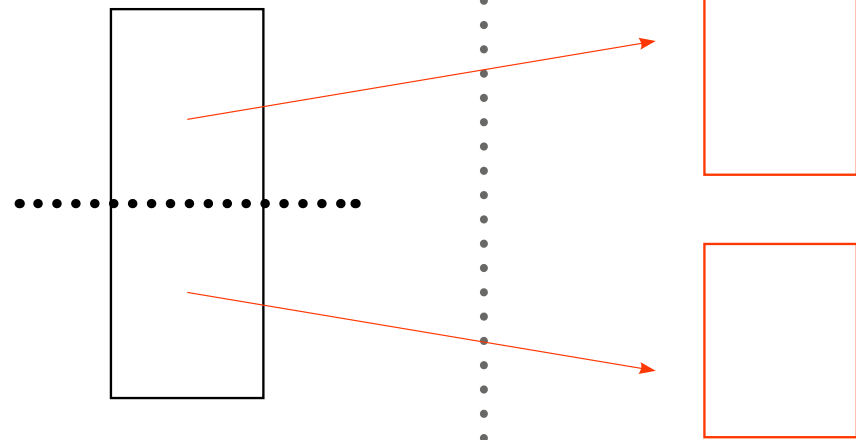
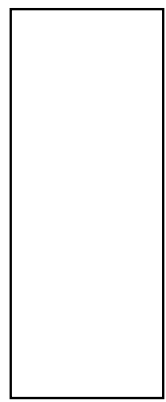


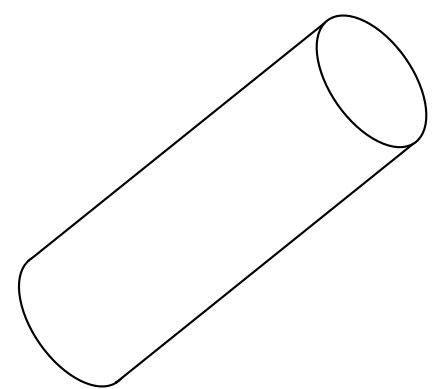
1x Schnitt
waagrecht
durch die Mitte der An-
sicht



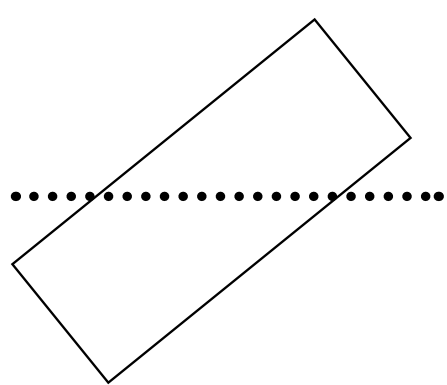
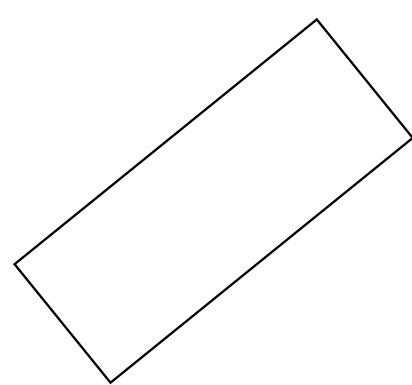
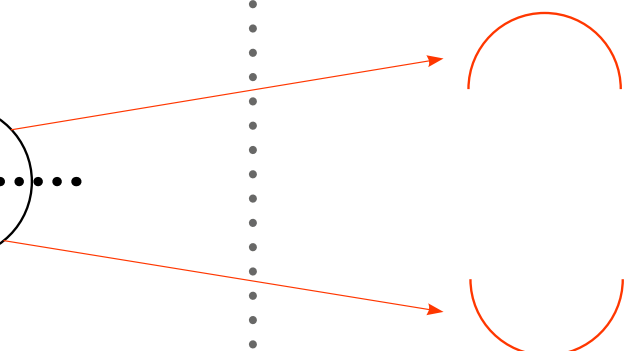
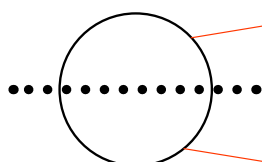
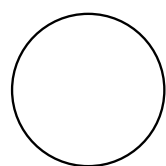
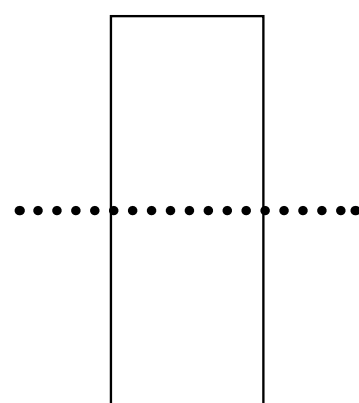
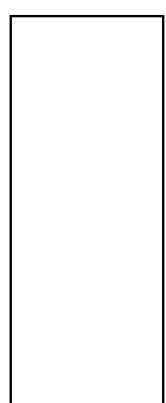


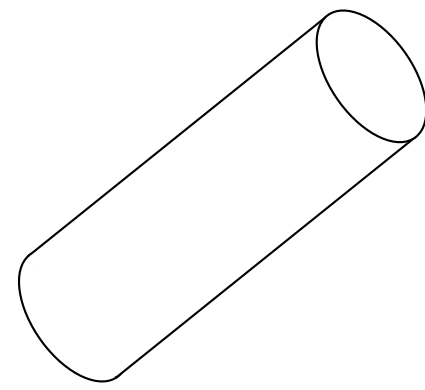
1 Schnitt
waagrecht
durch die Mitte der An-
sicht



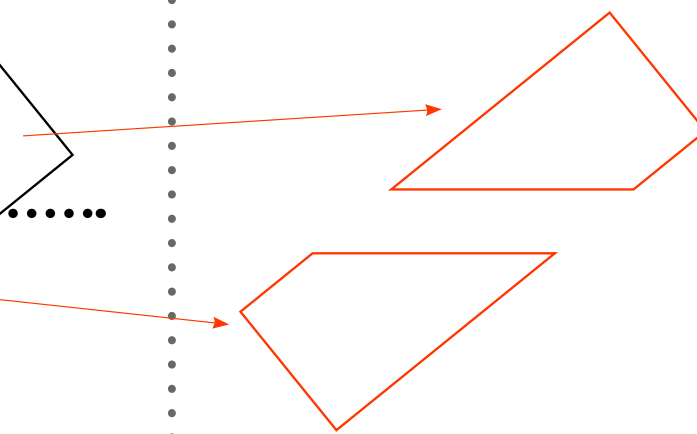
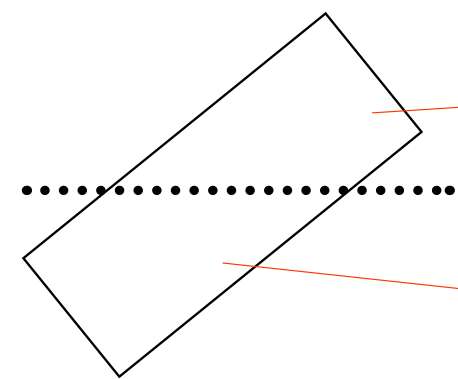
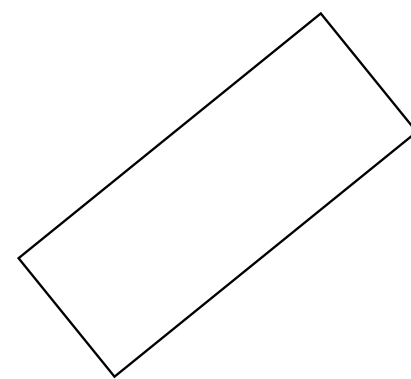
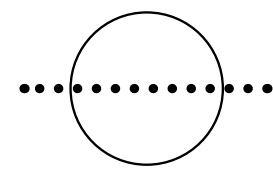
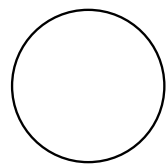
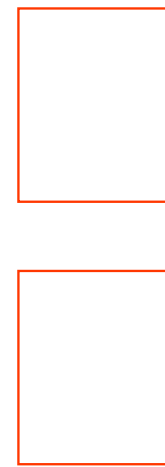
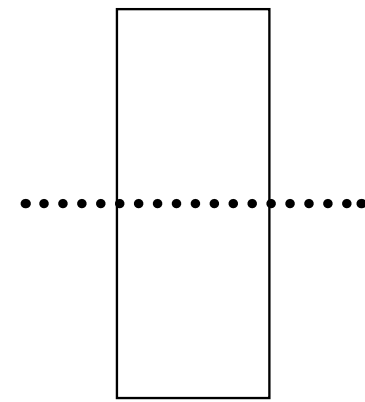


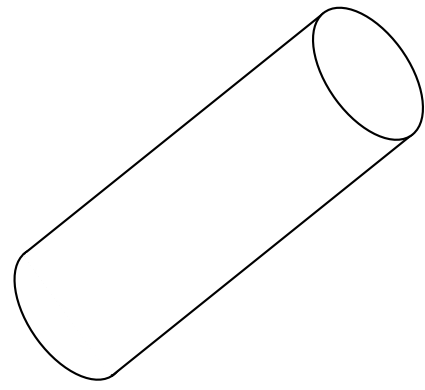
1 Schnitt
waagrecht
durch die Mitte der An-
sicht





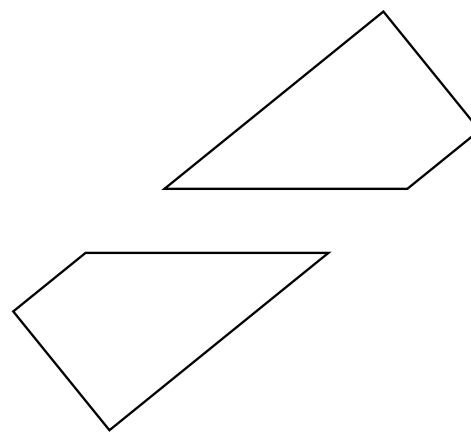
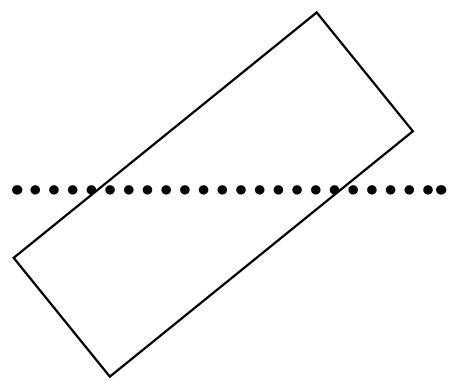
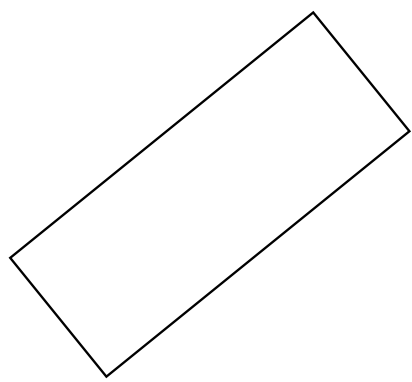
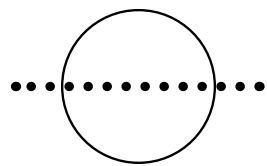
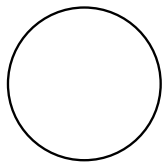
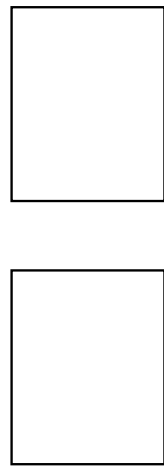
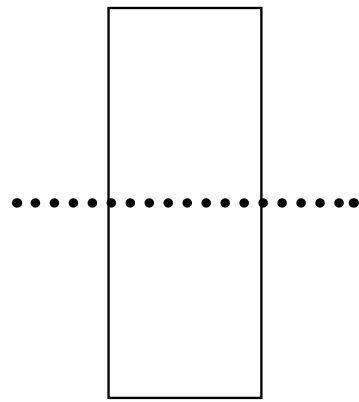
1 Schnitt
waagrecht
durch die Mitte der An-
sicht

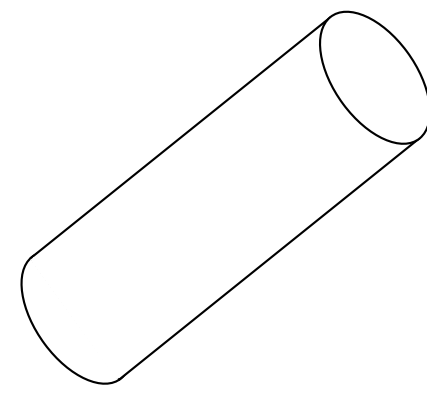




1 Schnitt
waagrecht
durch die Mitte der An-
sicht

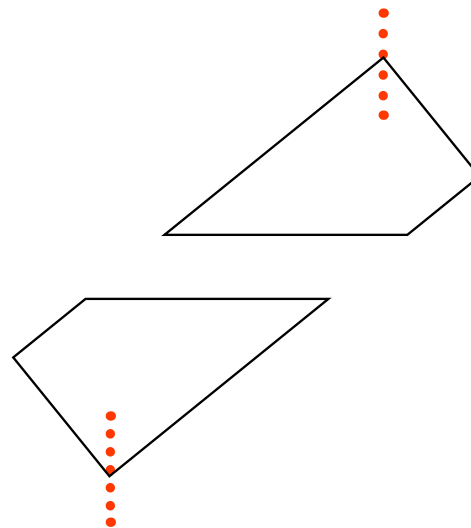
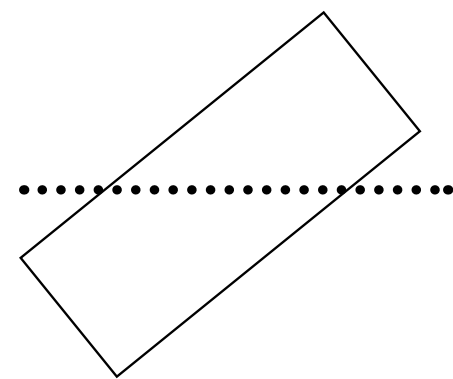
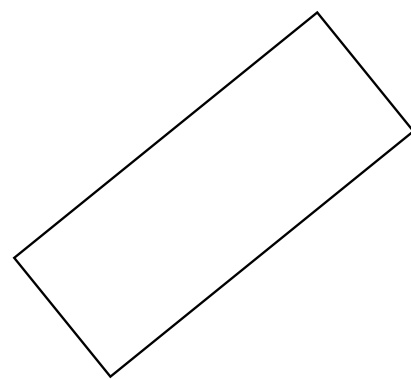
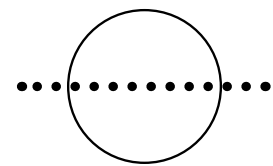
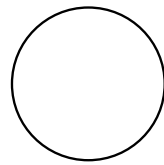
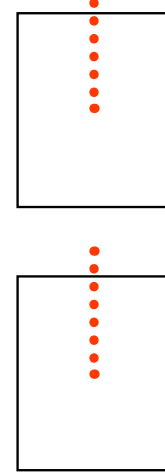
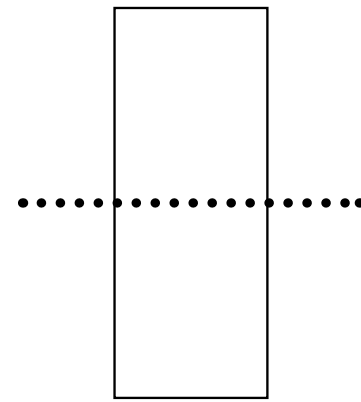
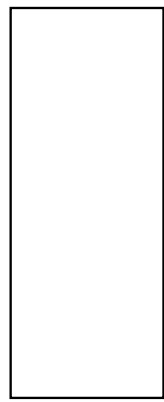
1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

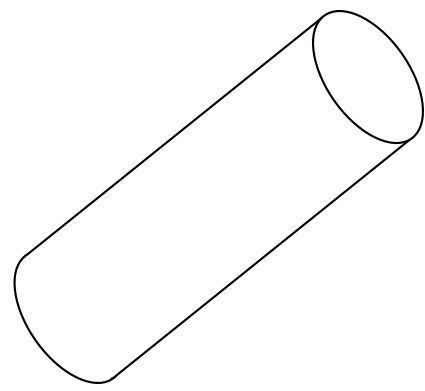




1 Schnitt
waagrecht
durch die Mitte der An-
sicht

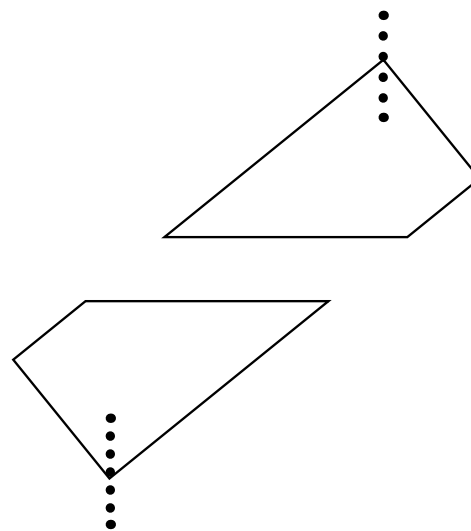
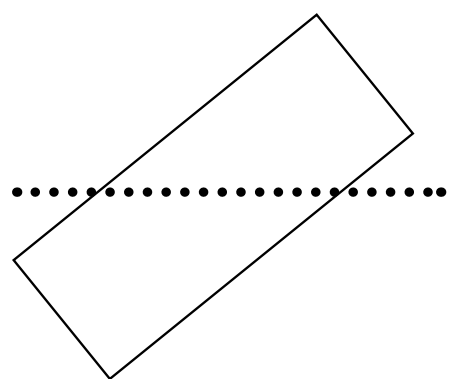
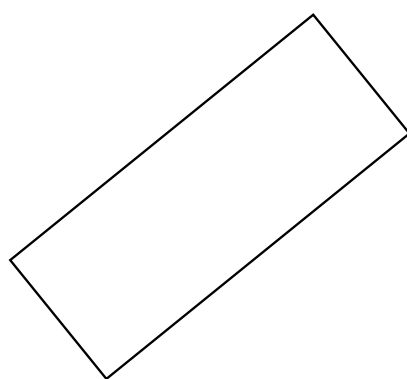
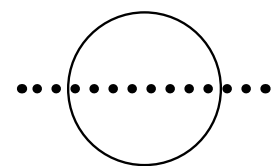
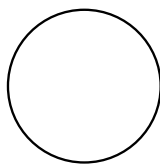
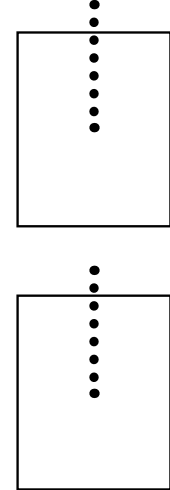
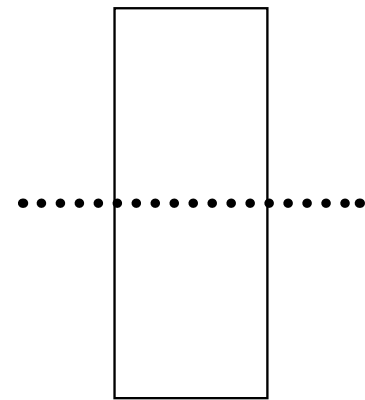
1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

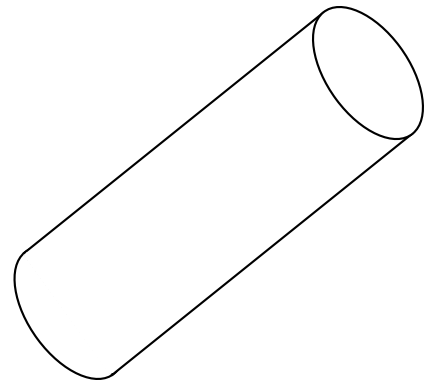




1 Schnitt
waagrecht
durch die Mitte der An-
sicht

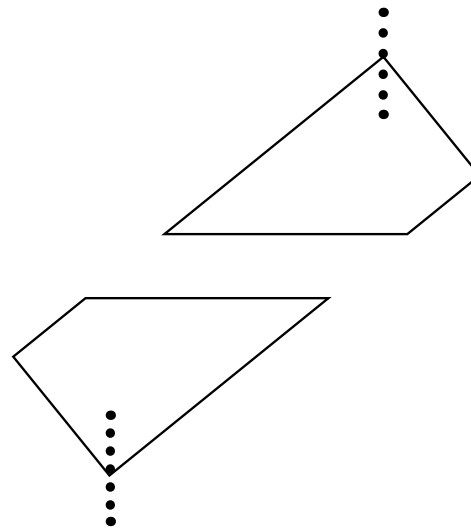
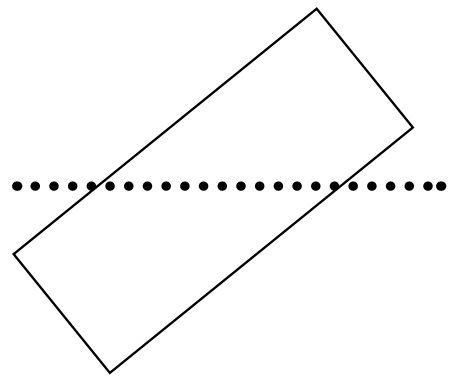
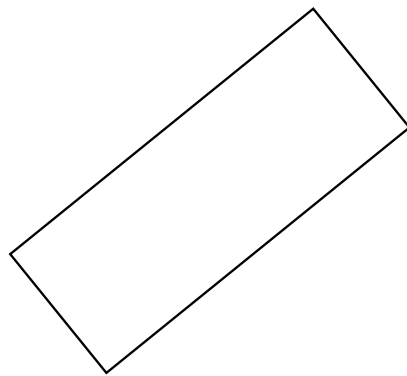
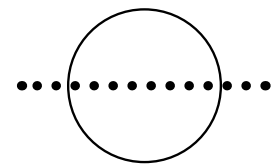
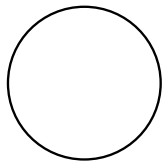
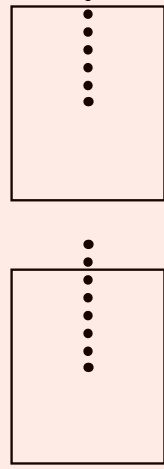
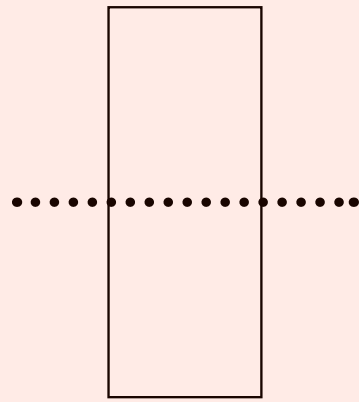
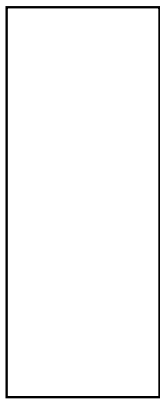
1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

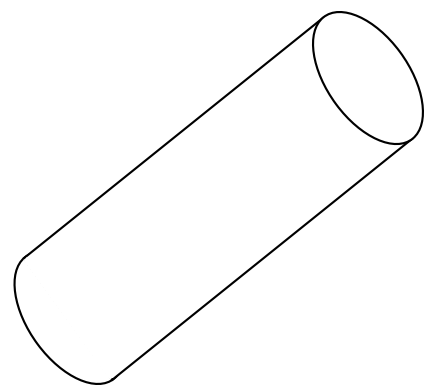




1 Schnitt
waagrecht
durch die Mitte der An-
sicht

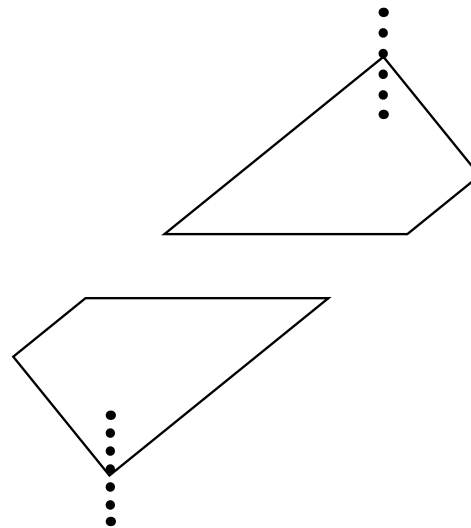
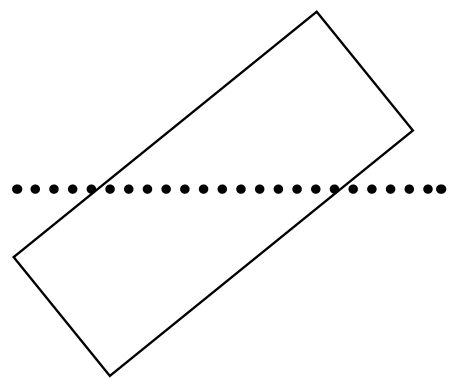
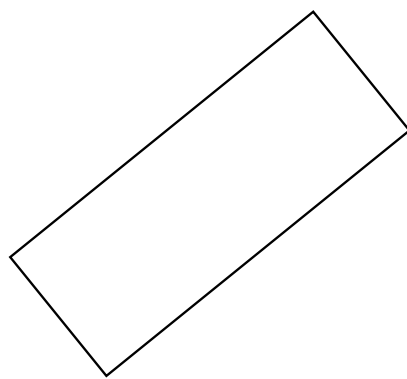
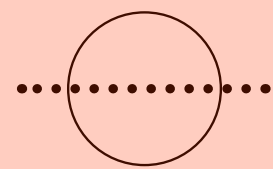
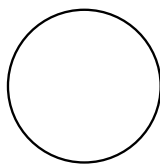
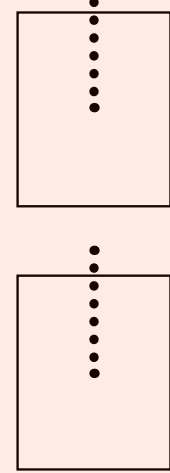
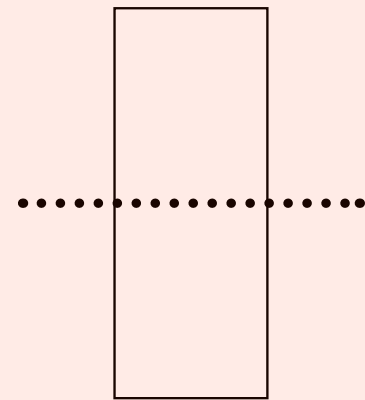
1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

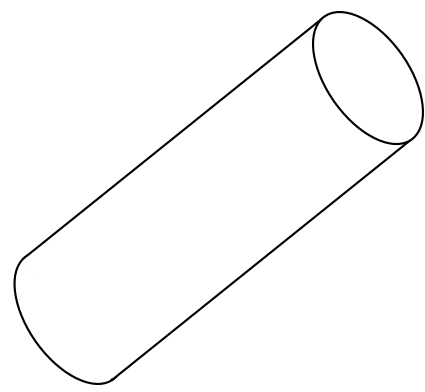




1 Schnitt
waagrecht
durch die Mitte der An-
sicht

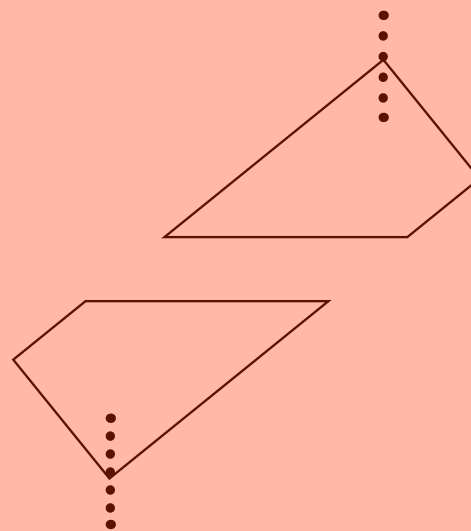
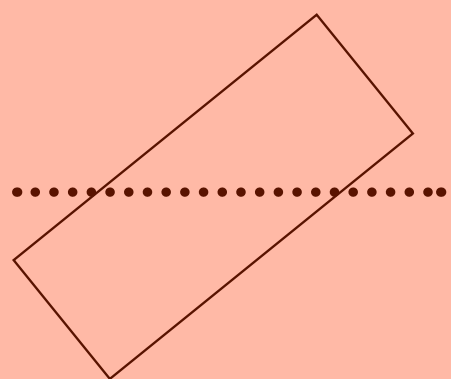
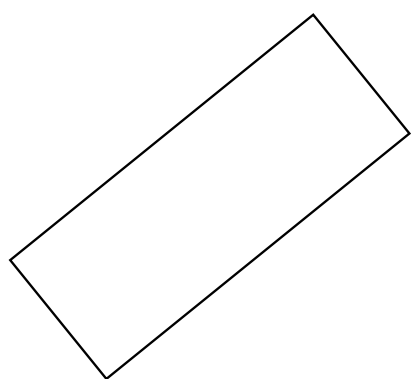
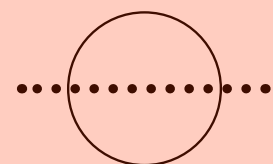
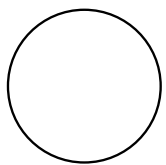
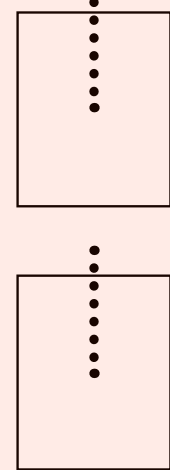
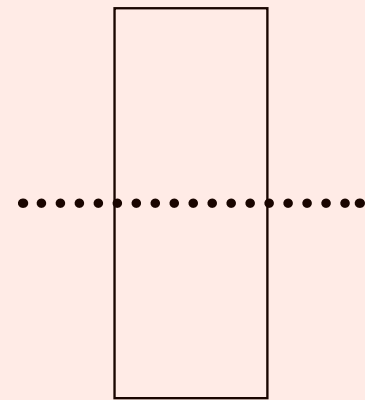
1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

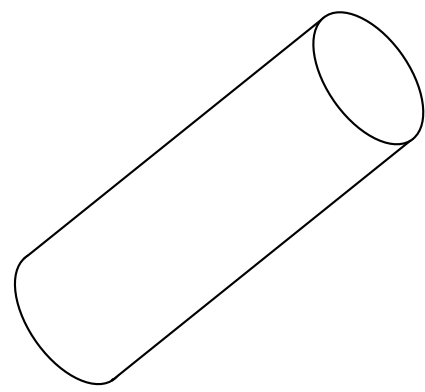




1 Schnitt
waagrecht
durch die Mitte der An-
sicht

1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

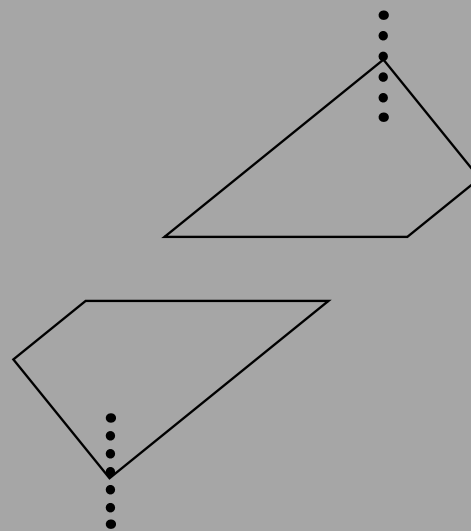
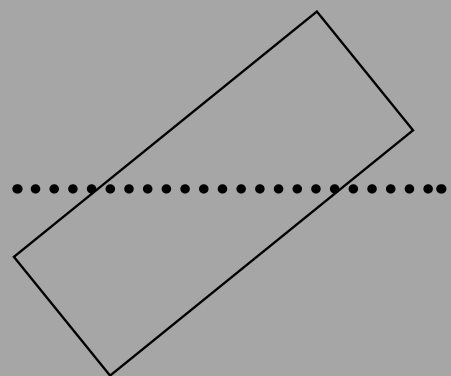
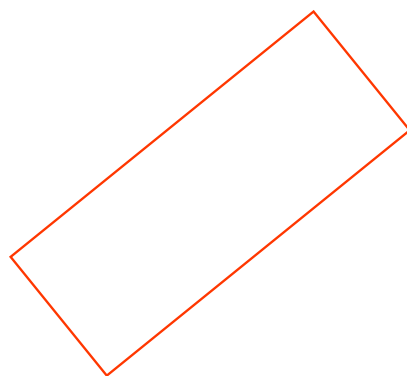
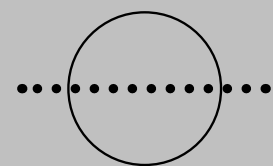
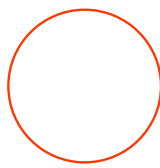
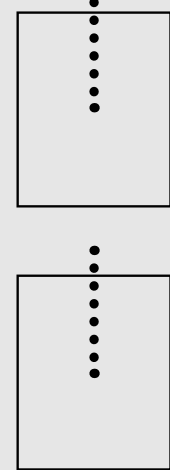
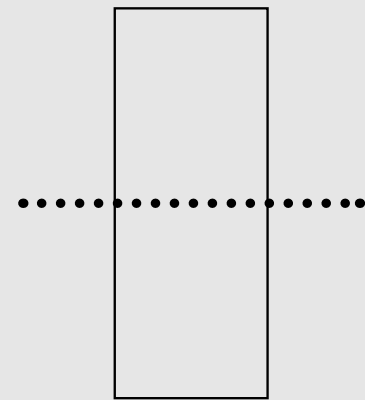
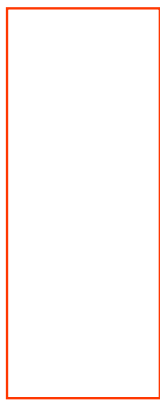


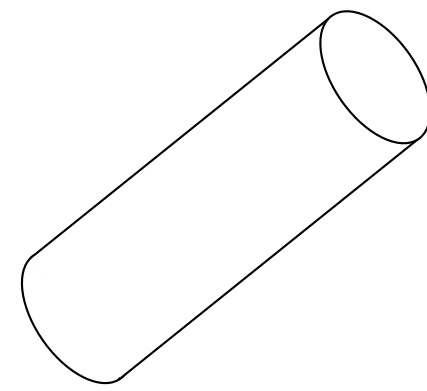


1 Schnitt
waagrecht
durch die Mitte der An-
sicht

1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

Neues Material!

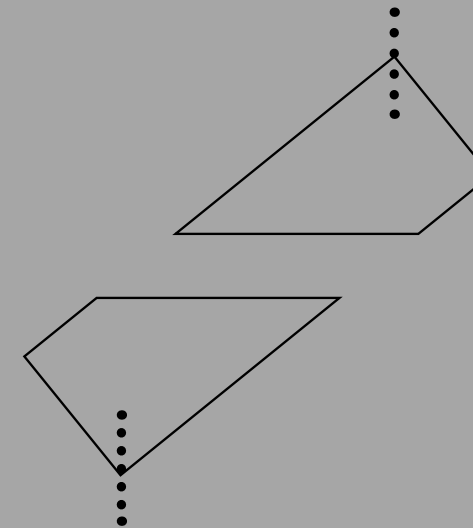
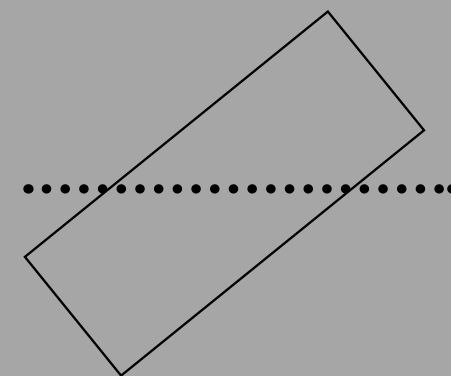
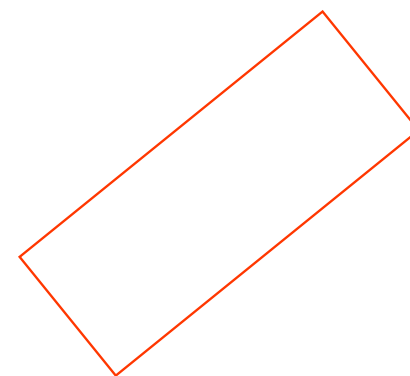
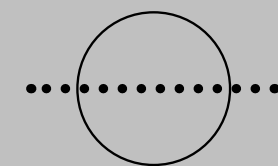
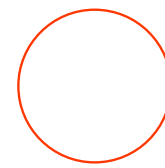
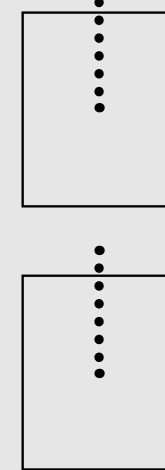
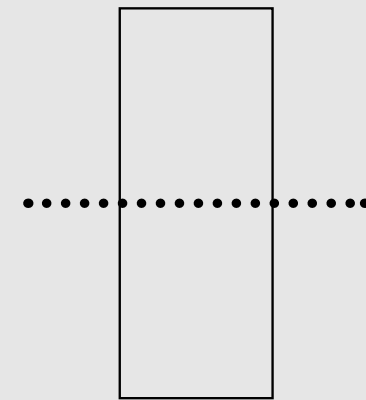


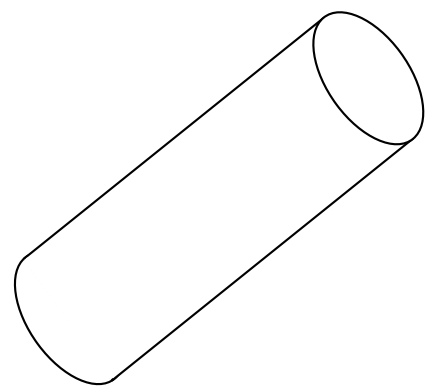


1 Schnitt
waagrecht
durch die Mitte der An-
sicht

1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

5x Schnitt
im Abstand von ca. 1 cm

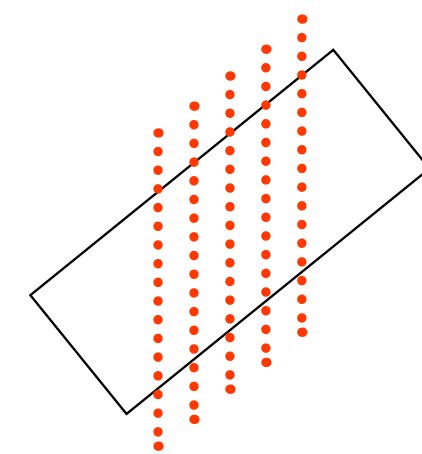
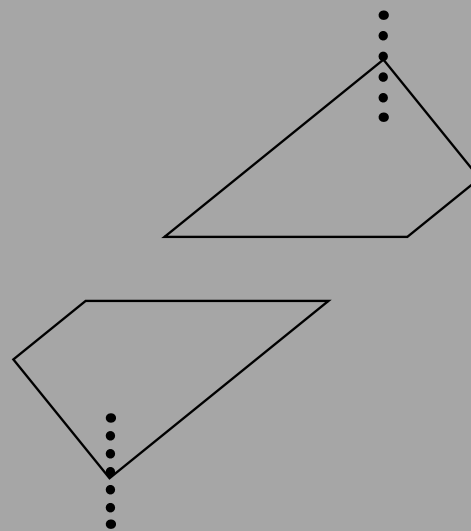
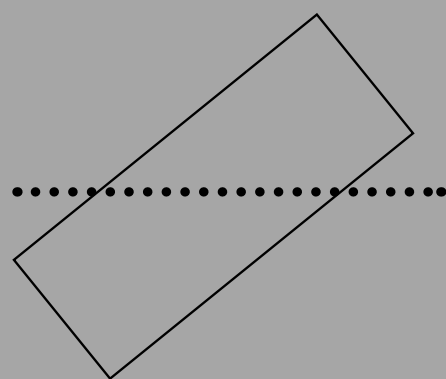
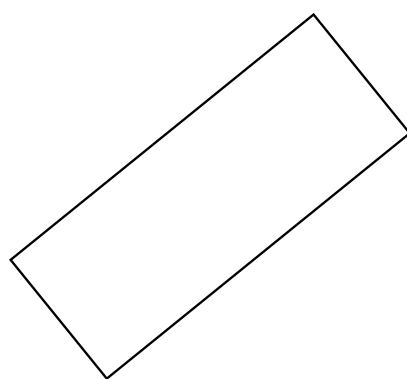
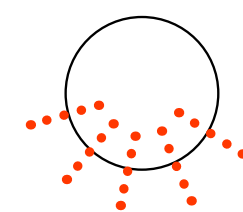
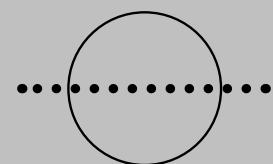
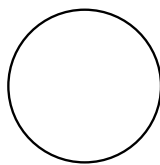
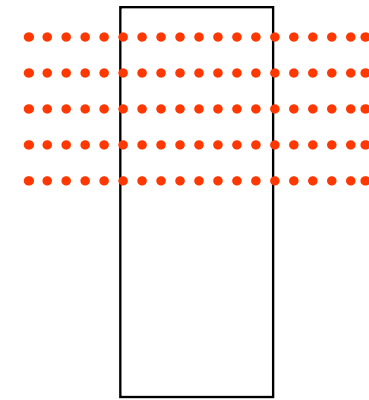
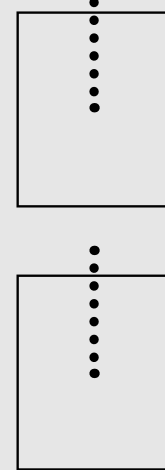
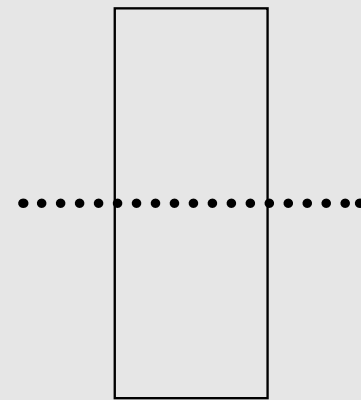
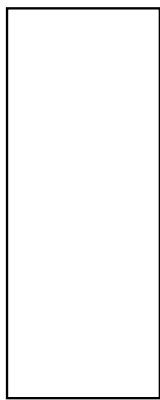


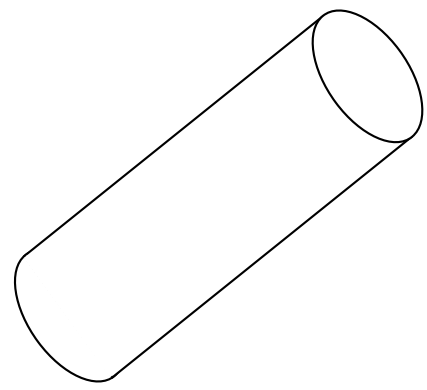


1 Schnitt
waagrecht
durch die Mitte der An-
sicht

1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

5x Schnitt
im Abstand von ca. 1 cm

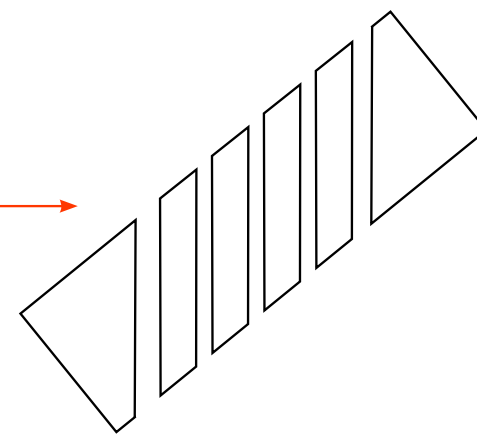
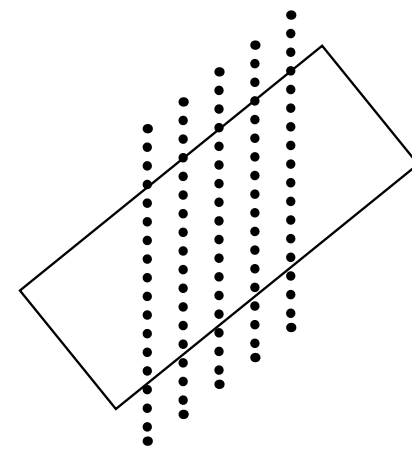
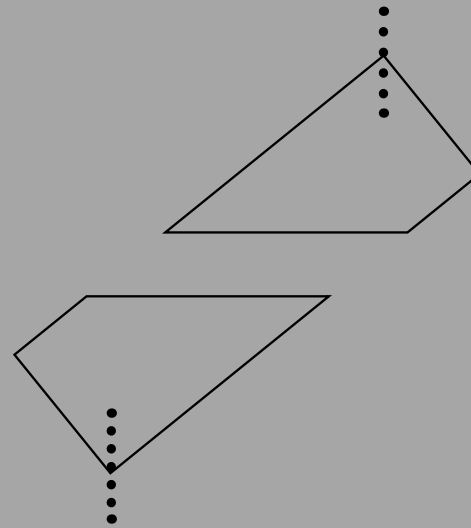
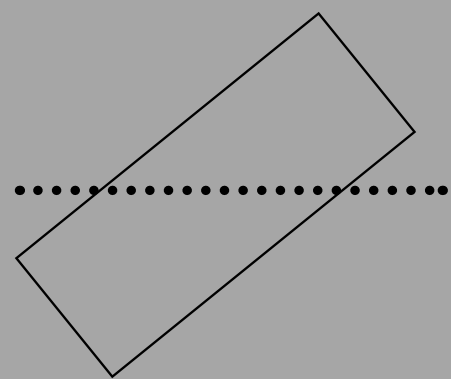
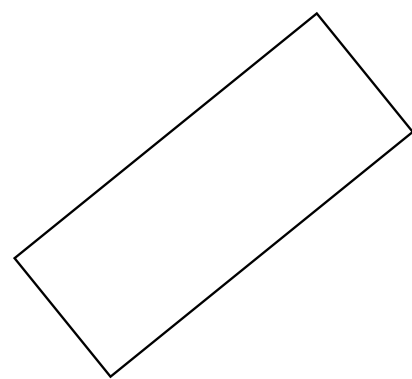
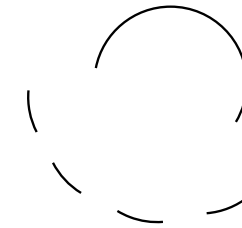
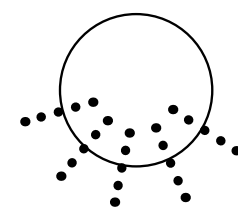
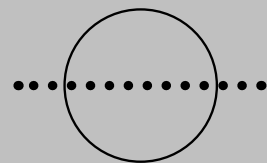
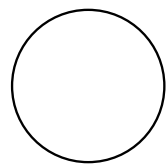
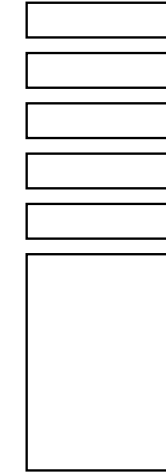
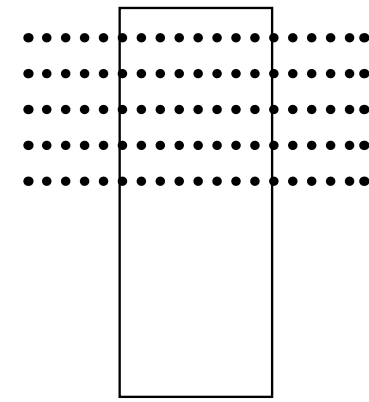
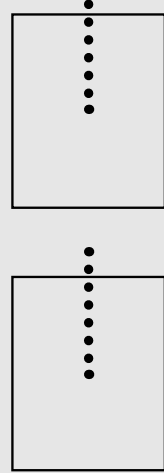
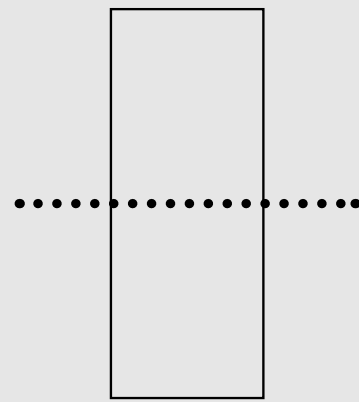
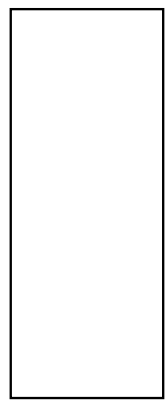


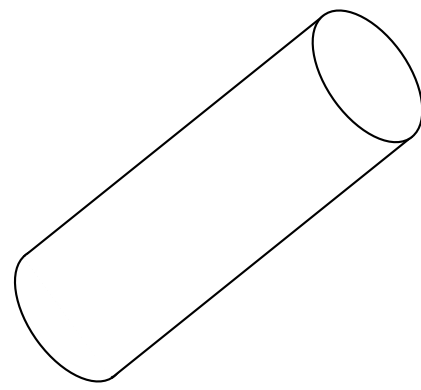


1 Schnitt
waagrecht
durch die Mitte der An-
sicht

1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

5x Schnitt
im Abstand von ca. 1 cm



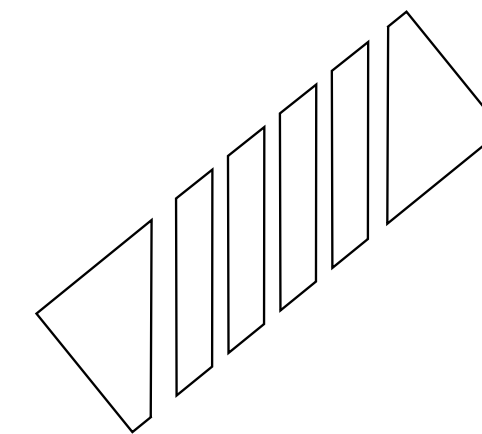
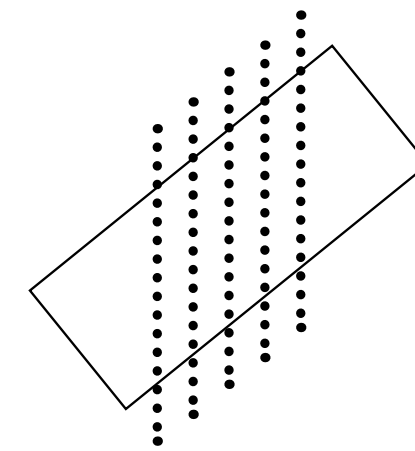
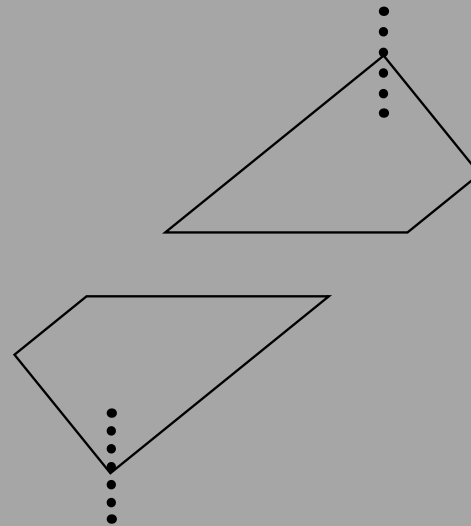
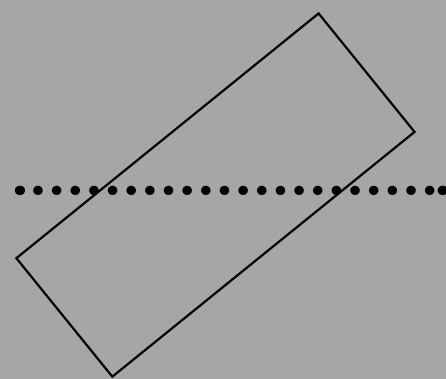
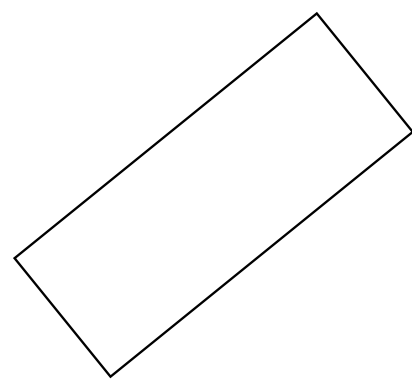
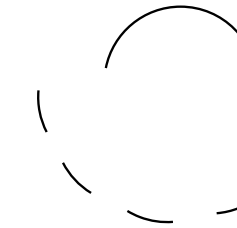
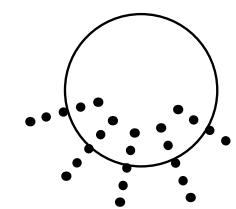
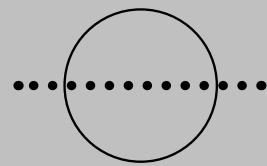
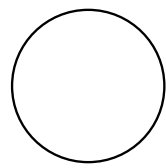
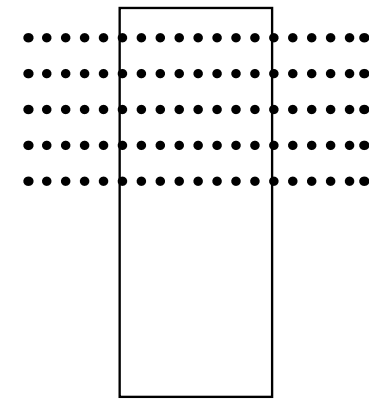
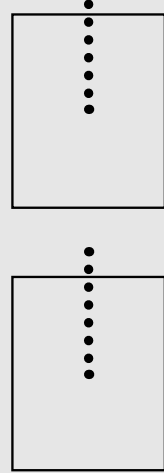
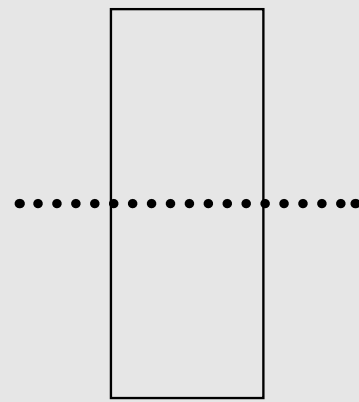
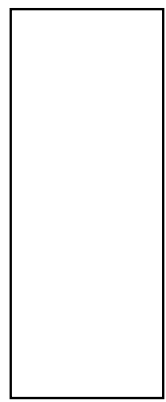


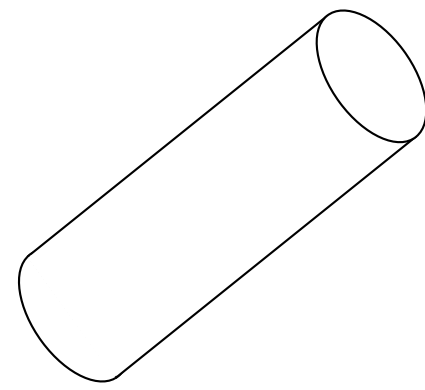
1 Schnitt
waagrecht
durch die Mitte der An-
sicht

1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

5x Schnitt
im Abstand von ca. 1 cm

Schlitzungen
in grossen Rohr-Teil
> Anzahl wird durch Ab-
schnitt-Teile bestimmt
> Steckmöglichkeiten



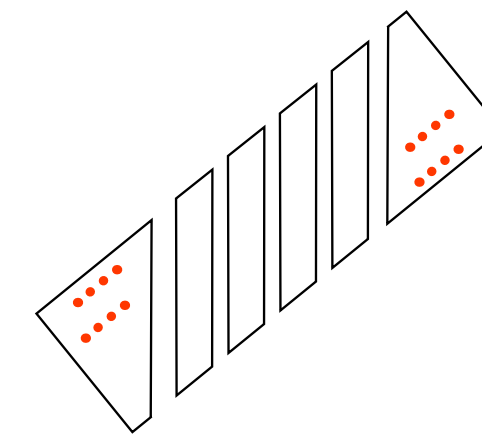
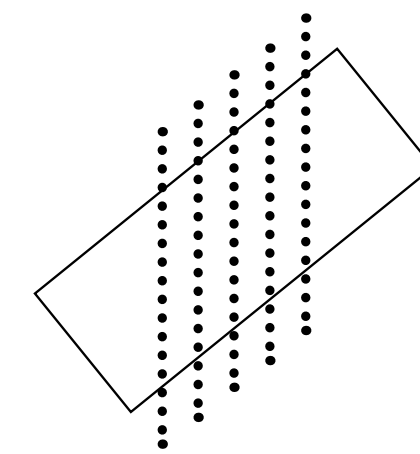
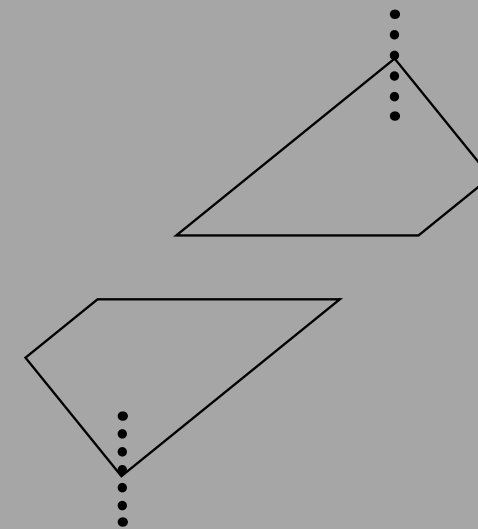
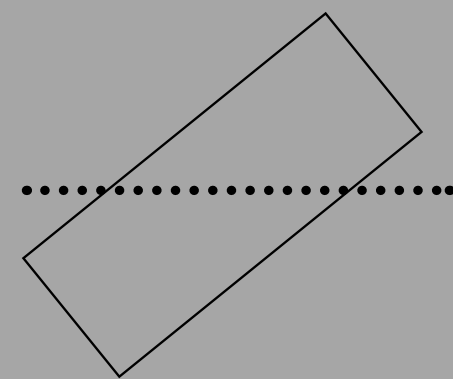
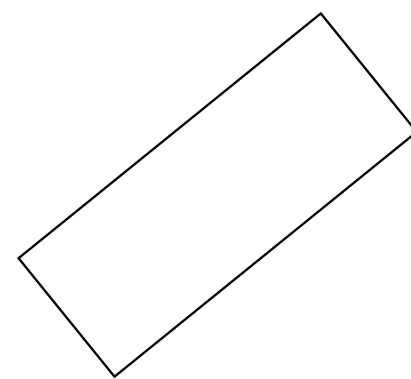
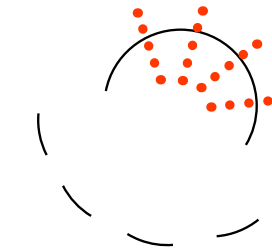
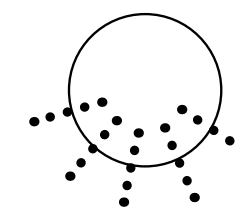
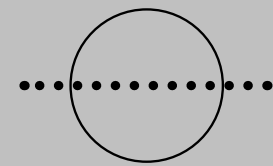
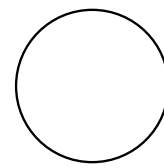
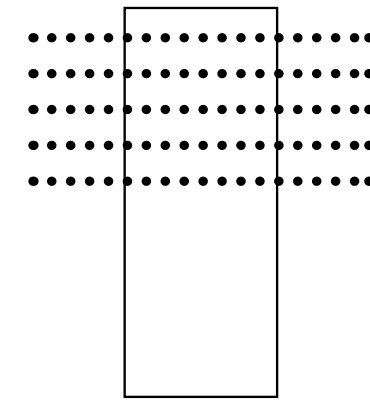
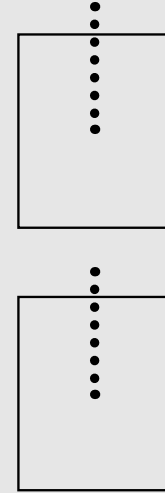
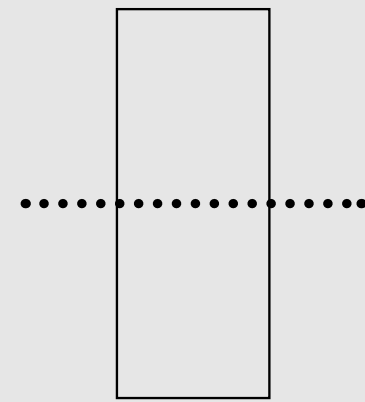
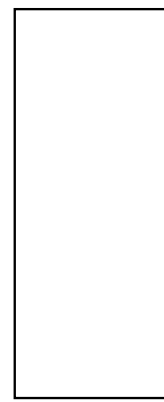


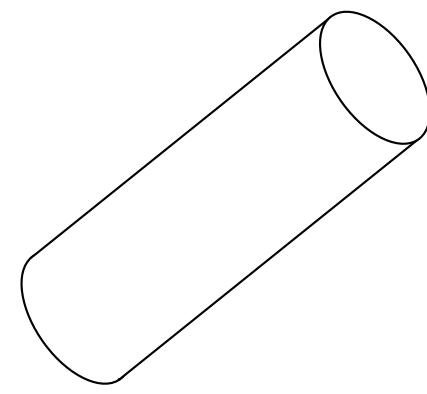
1 Schnitt
waagrecht
durch die Mitte der An-
sicht

1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

5x Schnitt
im Abstand von ca. 1 cm

Schlitzungen
in grossen Rohr-Teil
> Anzahl wird durch Ab-
schnitt-Teile bestimmt
> Steckmöglichkeiten



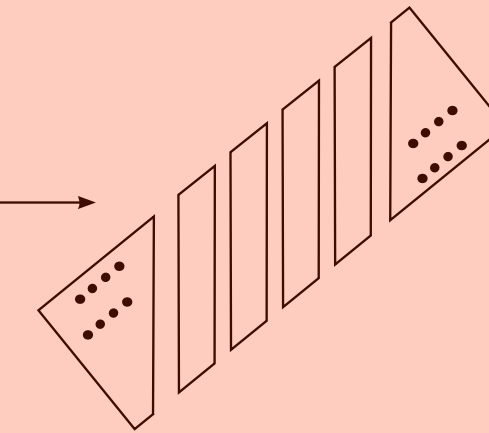
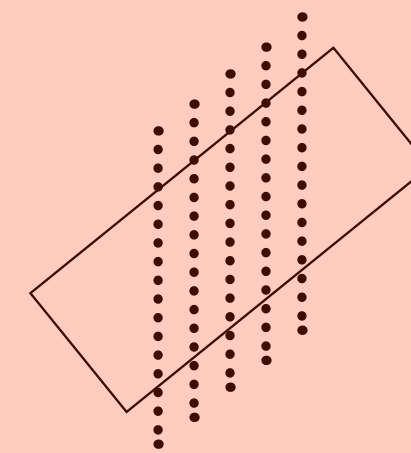
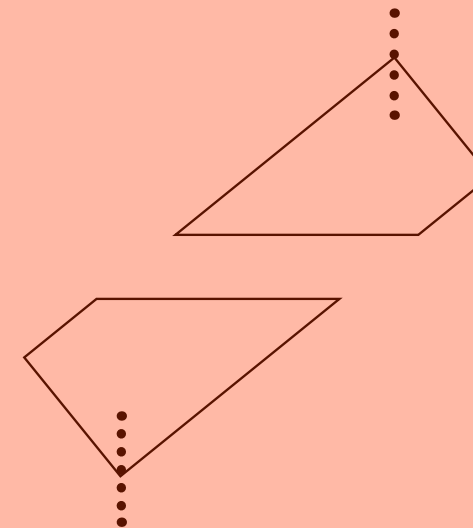
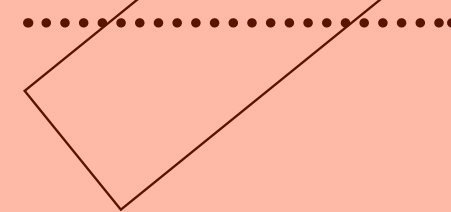
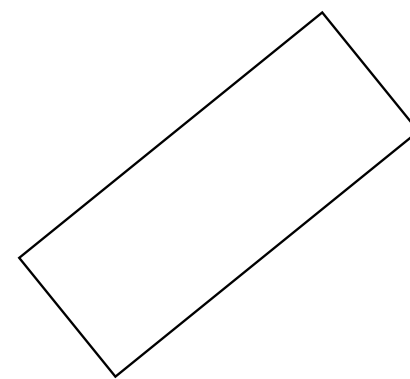
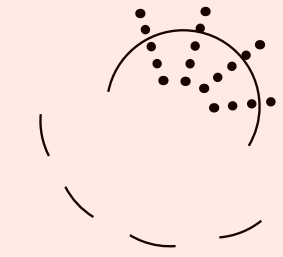
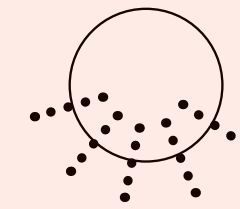
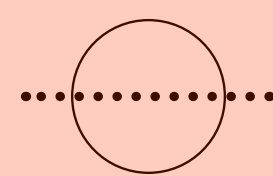
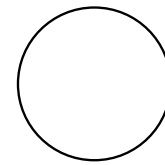
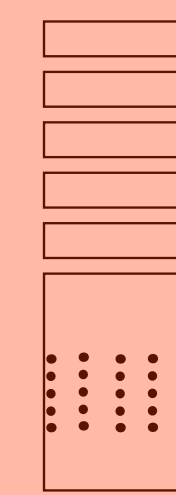
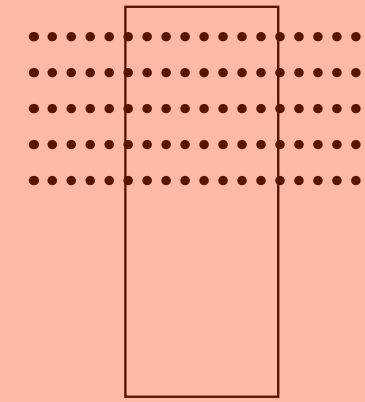
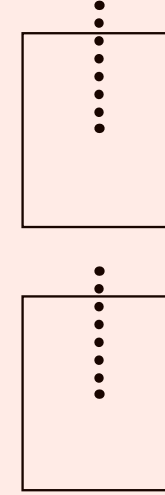
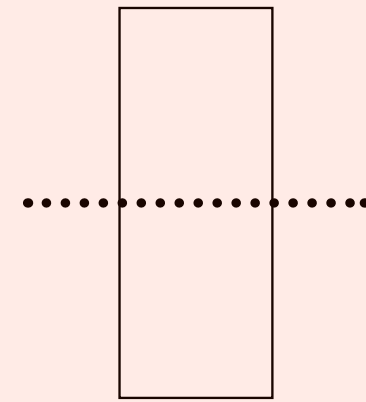
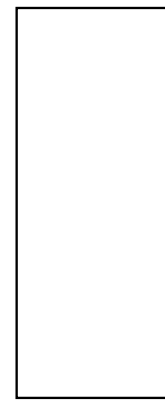


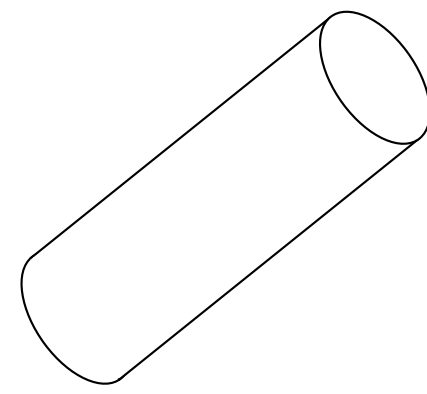
1 Schnitt
waagrecht
durch die Mitte der An-
sicht

1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

5x Schnitt
im Abstand von ca. 1 cm

Schlitzungen
in grossen Rohr-Teil
> Anzahl wird durch Ab-
schnitt-Teile bestimmt
> Steckmöglichkeiten





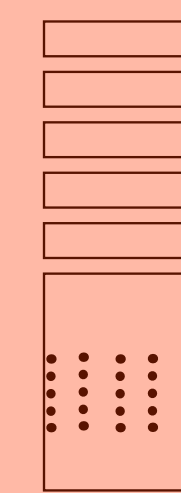
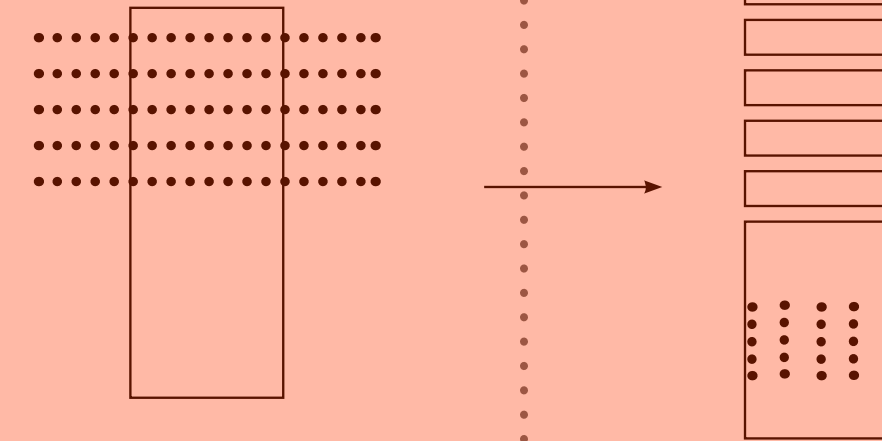
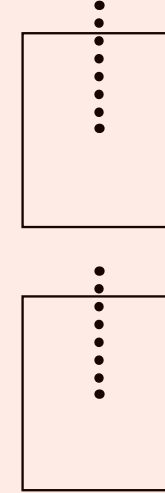
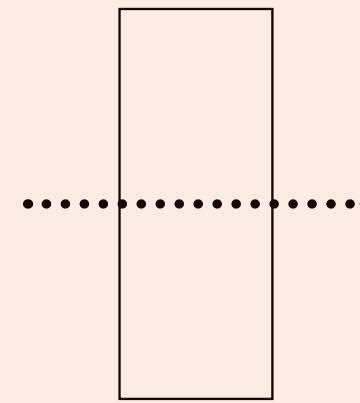
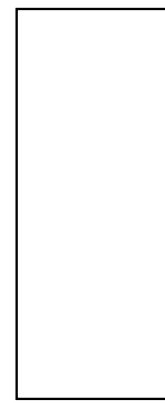
1 Schnitt
waagrecht
durch die Mitte der An-
sicht

1 Schnitt
senkrecht
durch die Mitte der An-
sicht von oben nach un-
ten bis zur Hälfte je Teil

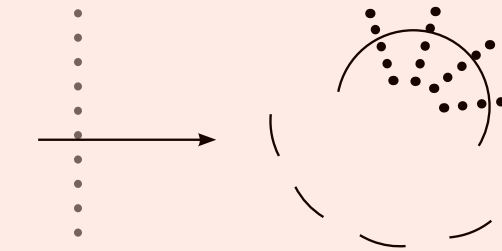
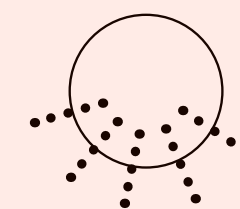
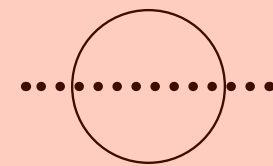
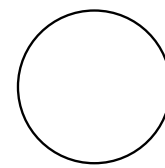
5x Schnitt
im Abstand von ca. 1 cm

Schlitzungen
in grossen Rohr-Teil
> Anzahl wird durch Ab-
schnitt-Teile bestimmt
> Steckmöglichkeiten

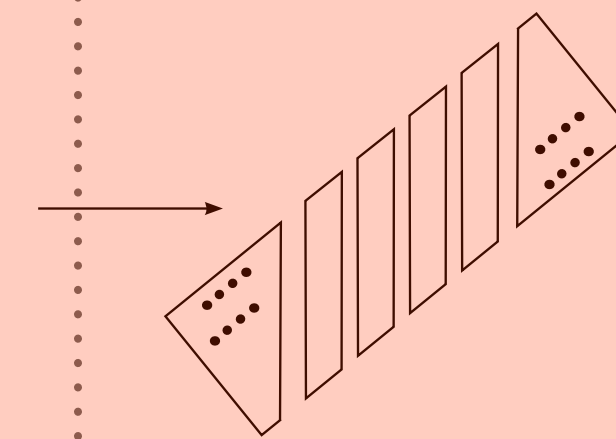
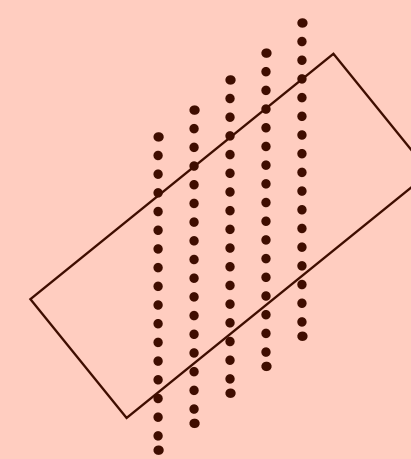
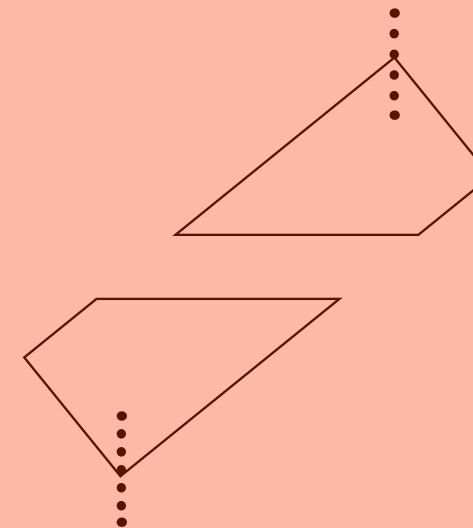
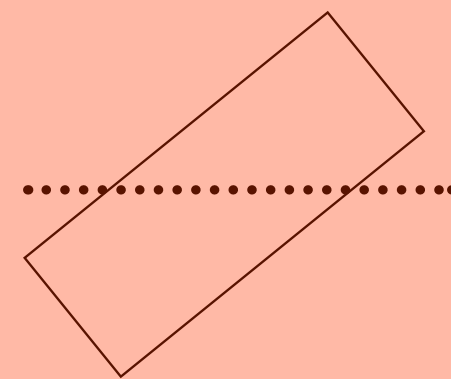
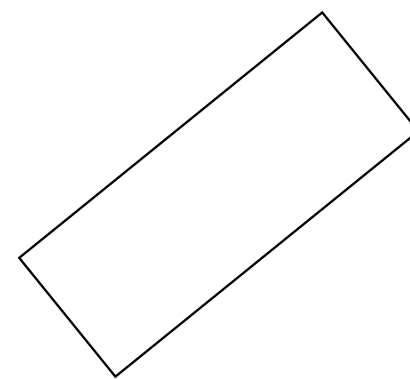
Entscheiden!
Aktionsschritt mit diesen
Teilen weitergehen, oder
wieder ein neues Aus-
gangsmaterial verwen-
den.....



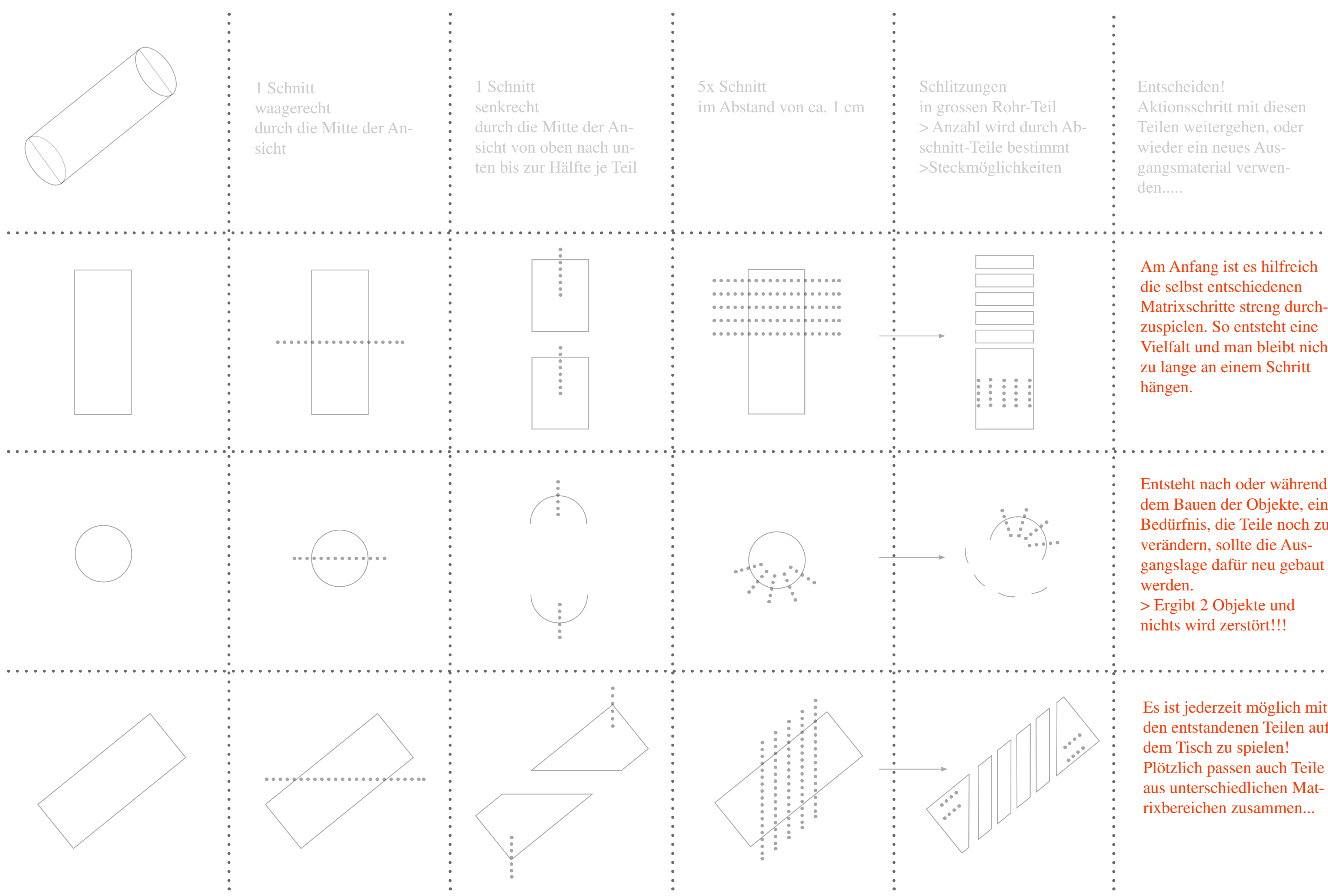
???

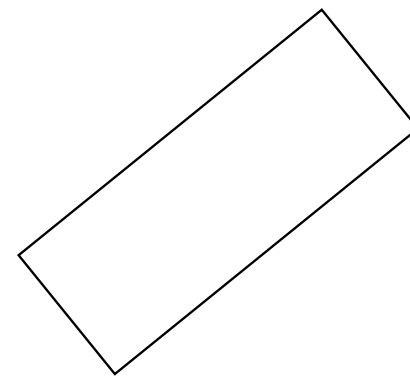
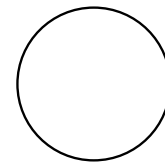
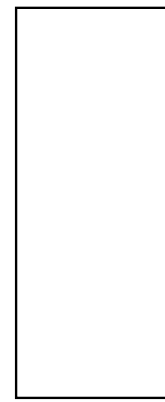
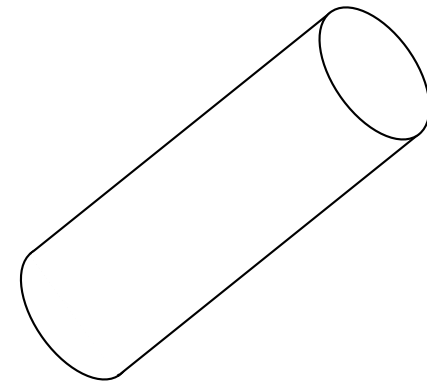


???



???





Das **Allerwichtigste ist:**

Es darf erst gebaut werden, wenn der gesamte Plan gezeichnet ist!!!

Zuerst 2D und dann Schritt für Schritt 3D.

DIN A6

quer

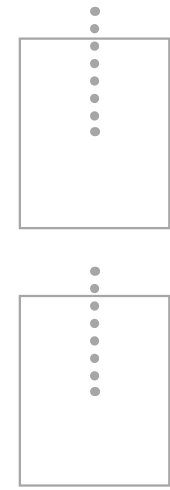
hoch

schräg

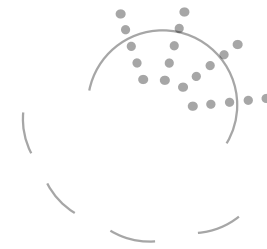
Das **Allerwichtigste ist:**

Es darf erst gebaut werden, wenn der gesamte Plan gezeichnet ist!!!

Zuerst 2D und dann Schritt für Schritt 3D.



Es hilft, die Objekte fleissig mit Nummern zu versehen und seinen Namen darauf zu schreiben.



Eine Klasse à 12 Personen produziert in 2 Lektionen +/- 40 Objekte!

