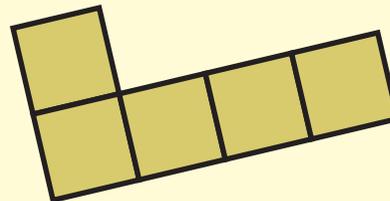
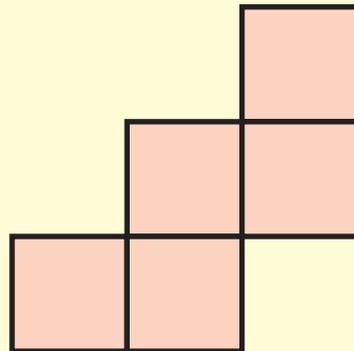
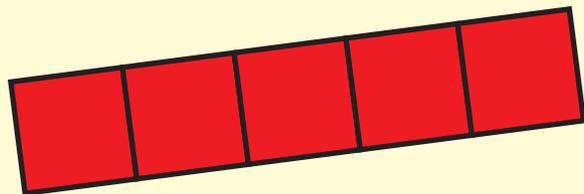
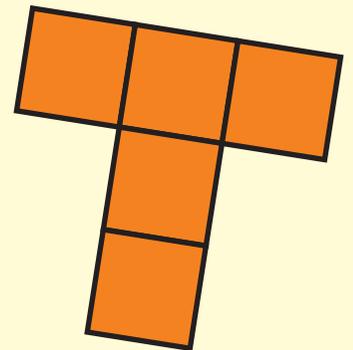
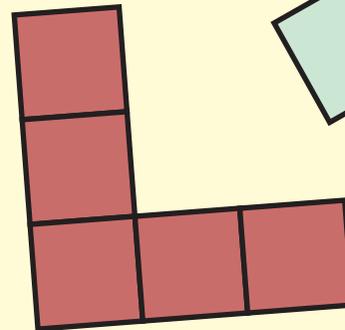
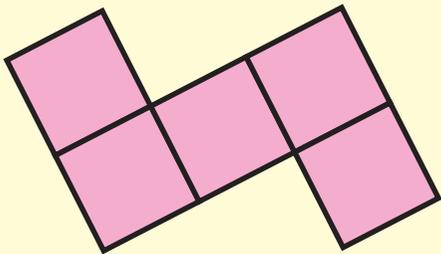
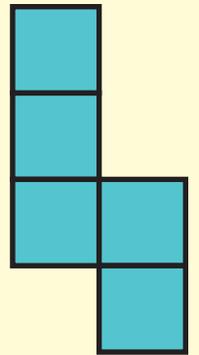
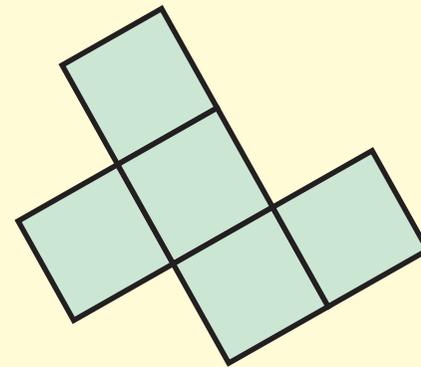
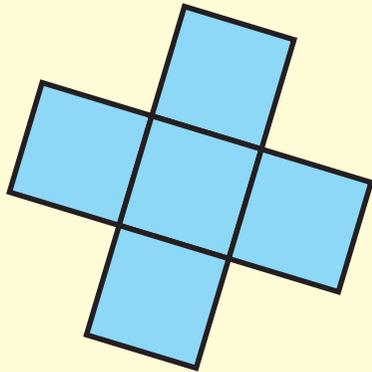
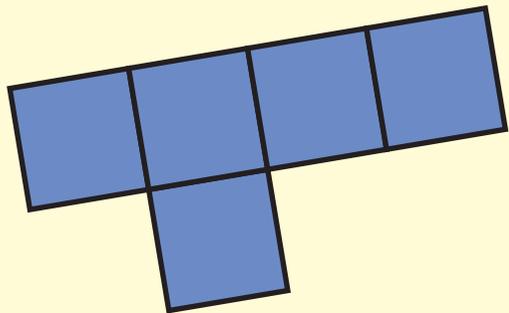
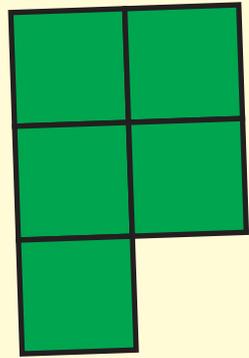
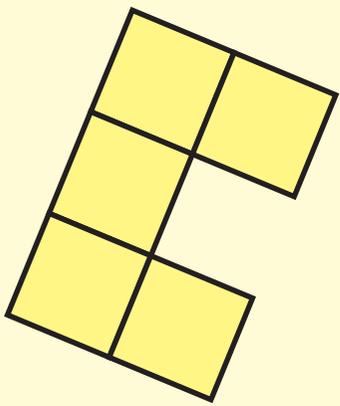


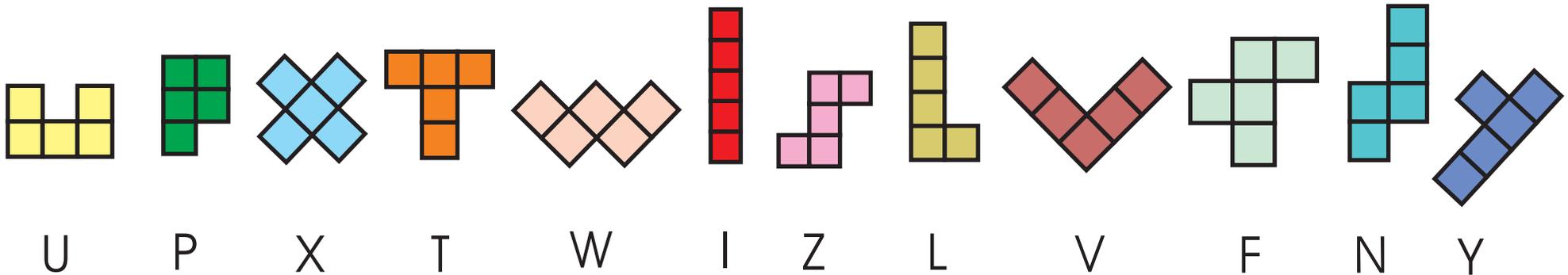
Pentominos

Freiarbeitsmaterial



Hinweise zum Material

Pentominos nennt man Figuren, die sich aus genau fünf Quadraten bilden lassen. Da diese Figuren eine vage Ähnlichkeit mit Buchstaben haben, wurden sie dementsprechend benannt:



Mit diesen 12 Figuren sollen unterschiedliche Rechtecke bzw. andere Formen gelegt werden. Was auf den ersten Blick einfach anmutet, erweist sich schnell als sehr knifflige Aufgabe. Das Material eignet sich insbesondere zur Förderung von Ausdauer und Konzentration. Das räumliche Denken wird ebenso geschult, wie das problemorientierte und systematische Herangehen an Aufgabenstellungen, deren Lösungen nicht sofort ins Auge springen.

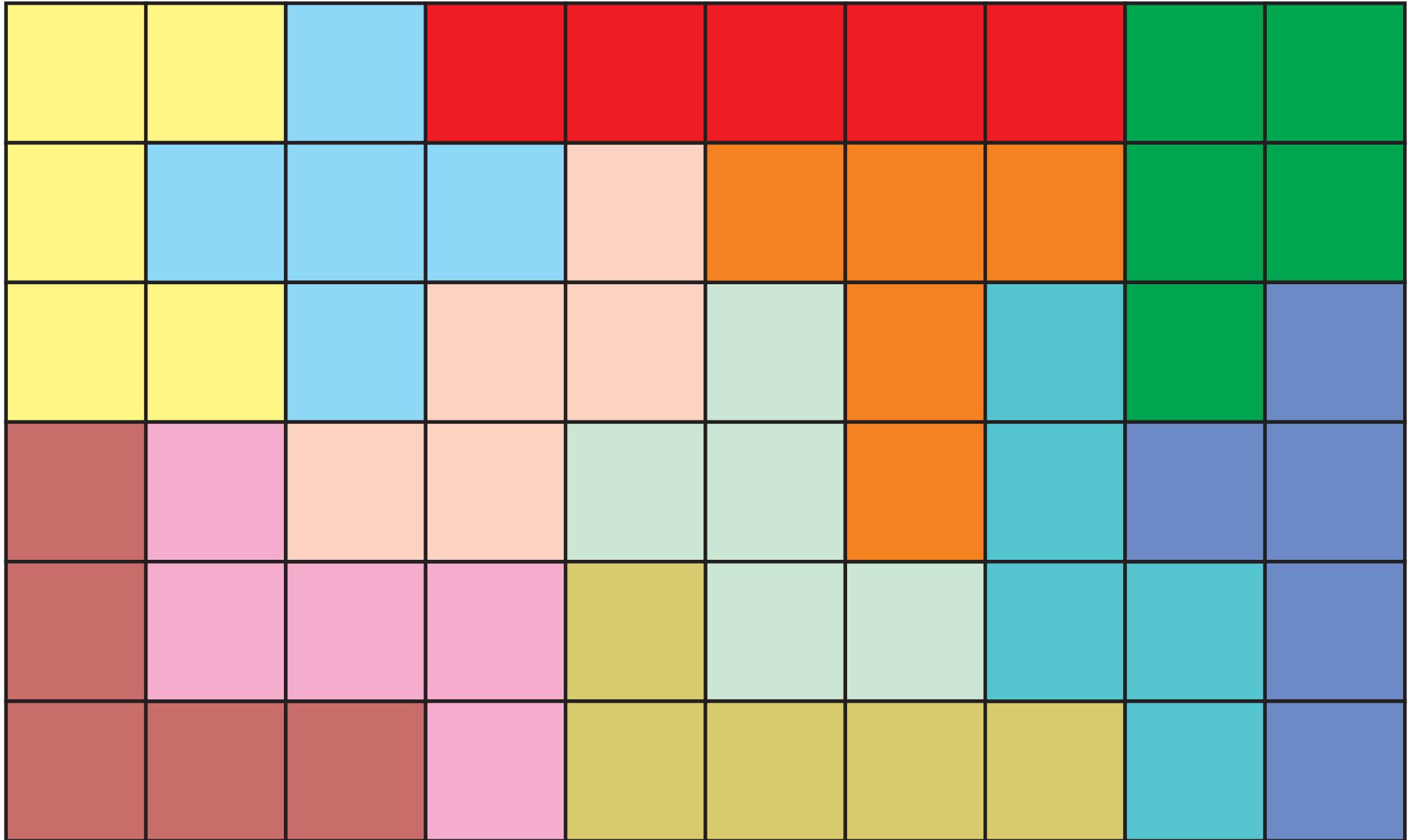
Das vorliegende Material wurde mit unterschiedlichen Schwierigkeitsstufen bewusst differenziert erstellt. Die Vorlagen können ausgedruckt, laminiert und zurecht geschnitten sofort zum Einsatz kommen. Selbstverständlich kann man sich mittels der Vorlagen auch Figuren aus Holzquadraten bzw. aus Materialien wie Moosgummi etc. erstellen.

Ähnlich wie beim Tangram können die Kinder angehalten werden, eigene Muster und Formen zu legen. Als einfachste Variante kann die Lösungsplatte nach- bzw. ausgelegt werden.

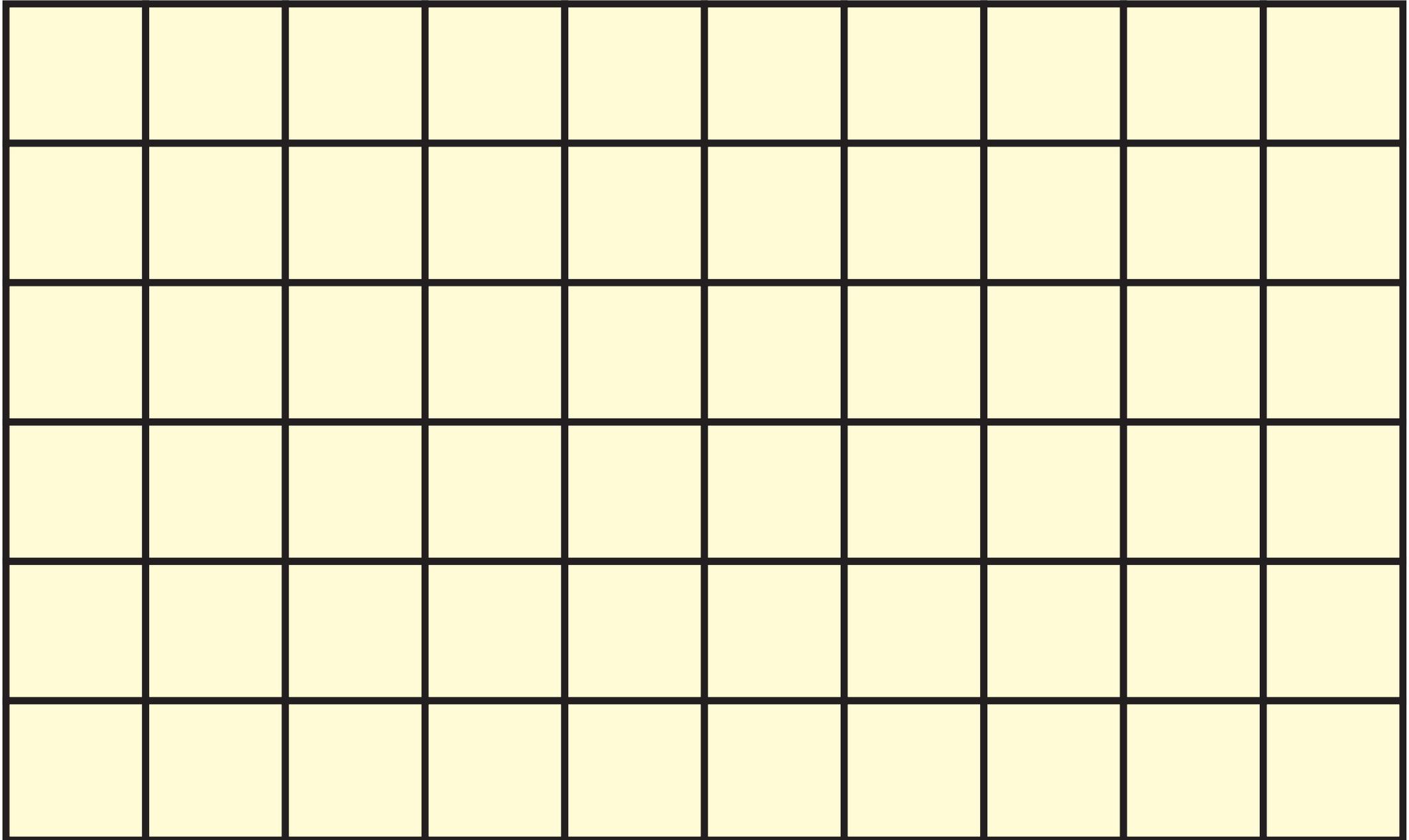
Viel Spaß mit dem Material!

Susanne Schäfer

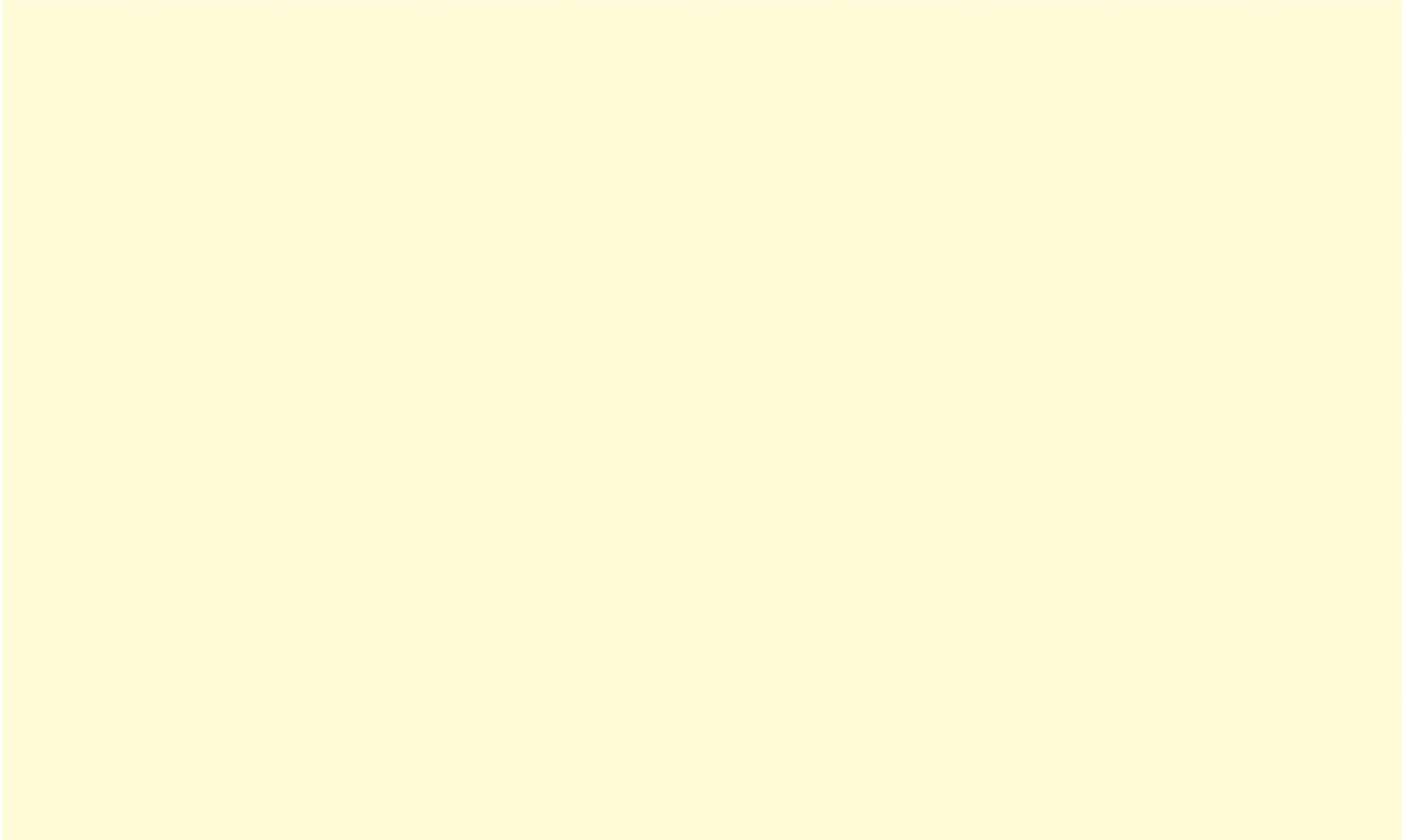
Pentomino 1 Lösung

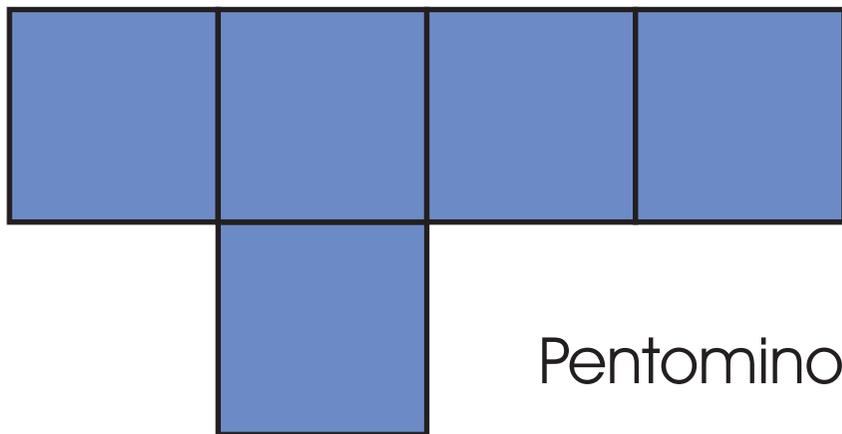
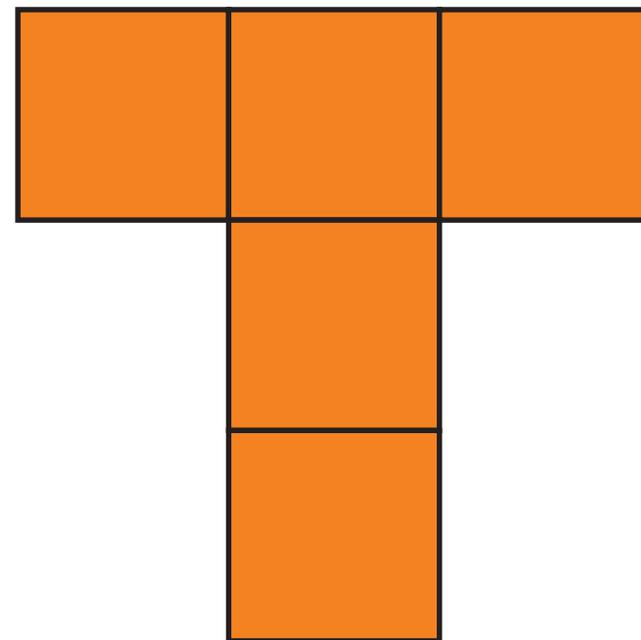
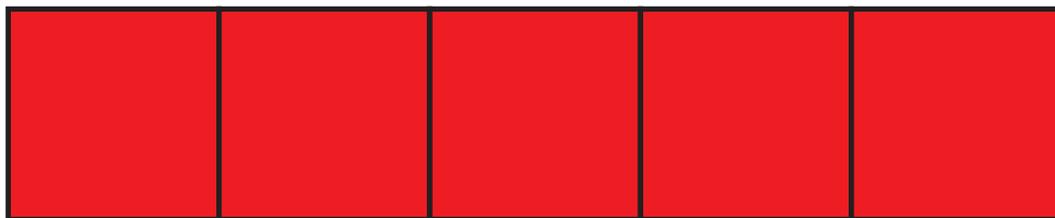
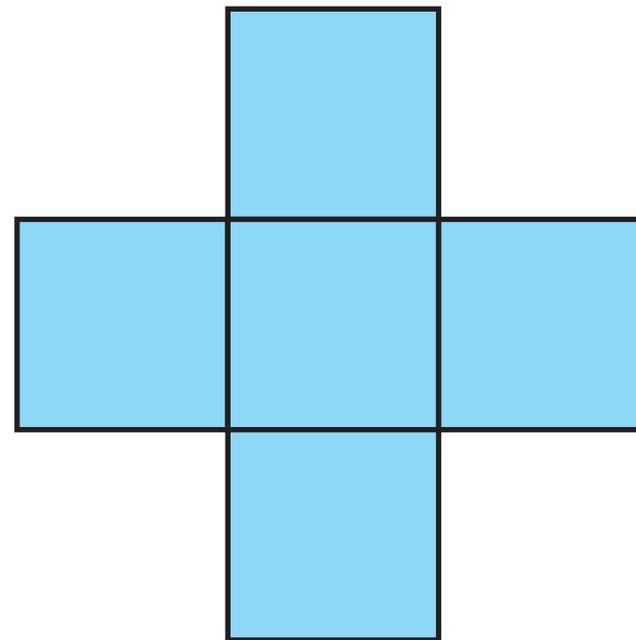
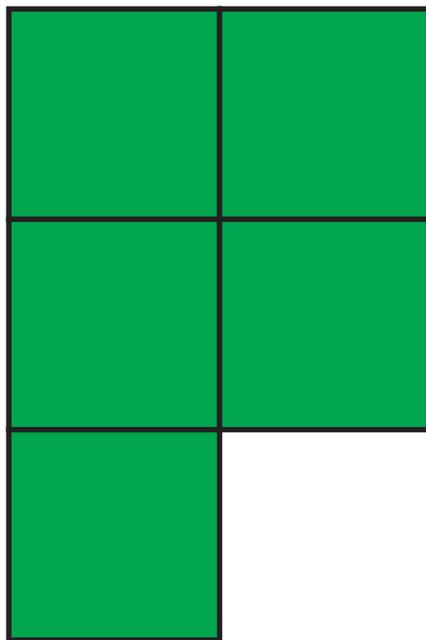
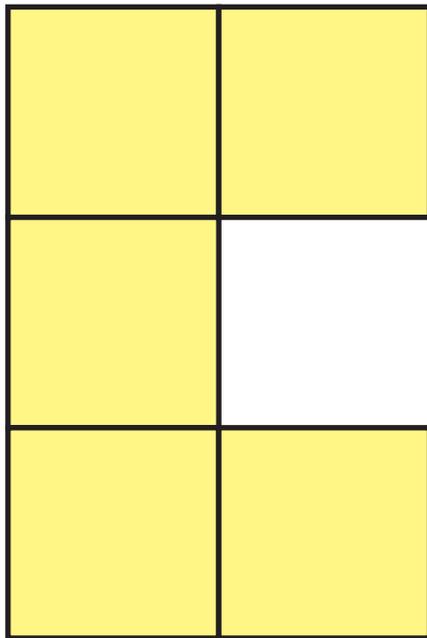


Pentomino 1 Vorlage 1



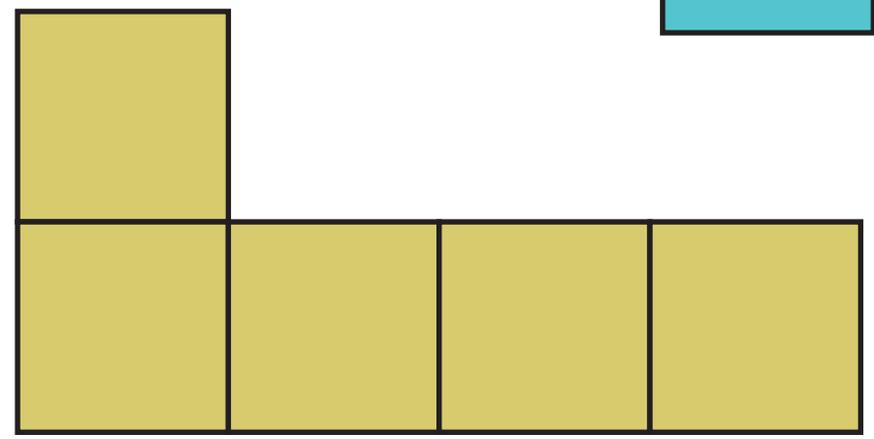
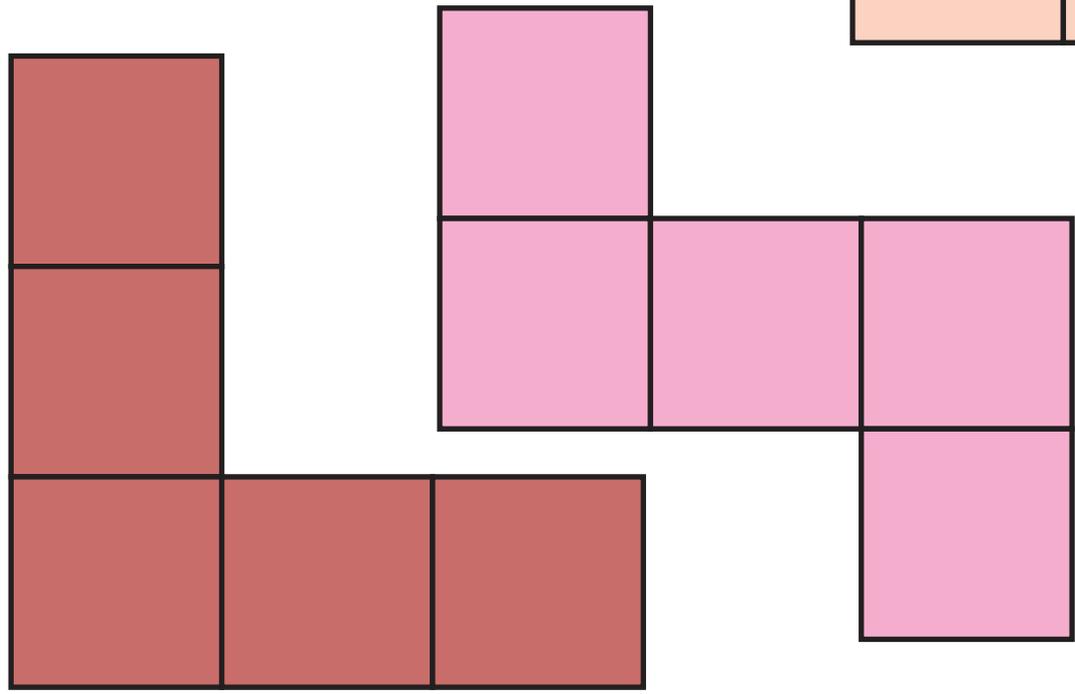
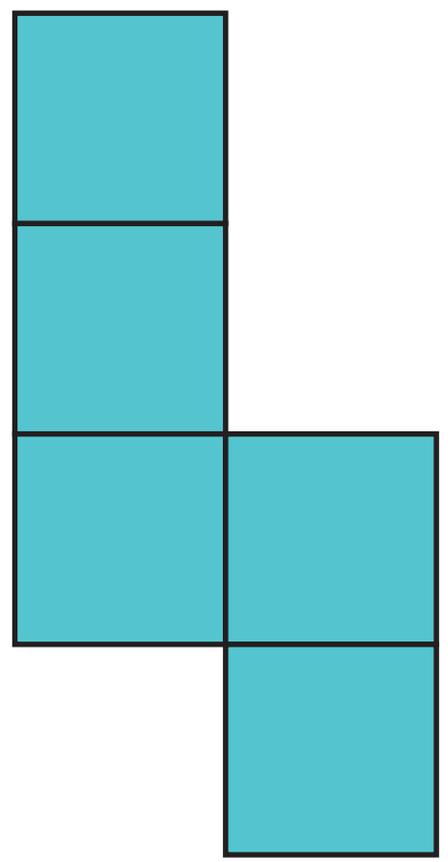
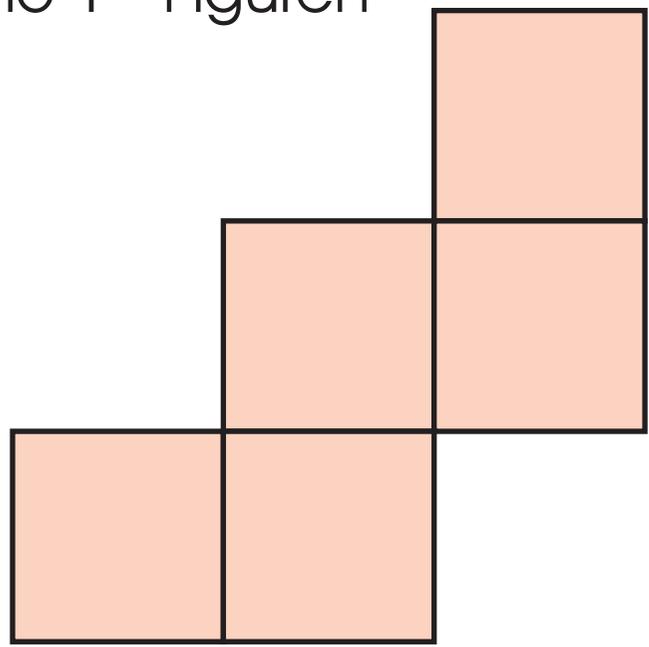
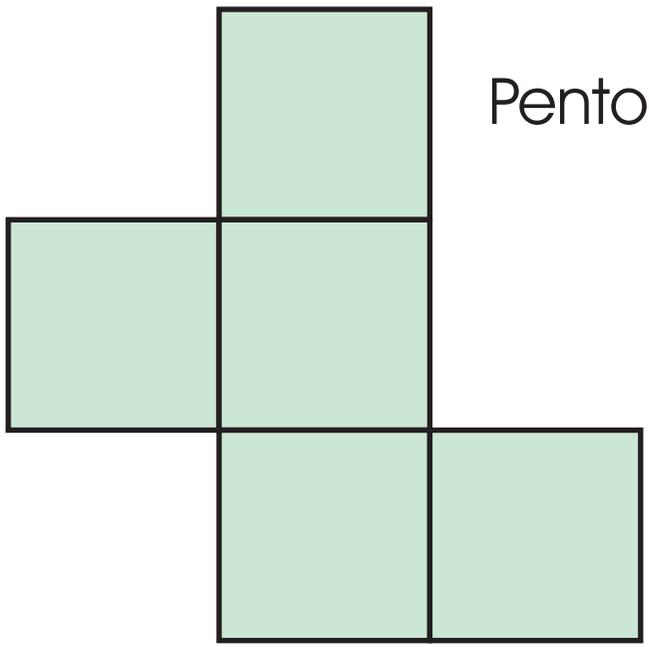
Pentomino 1 Vorlage 2

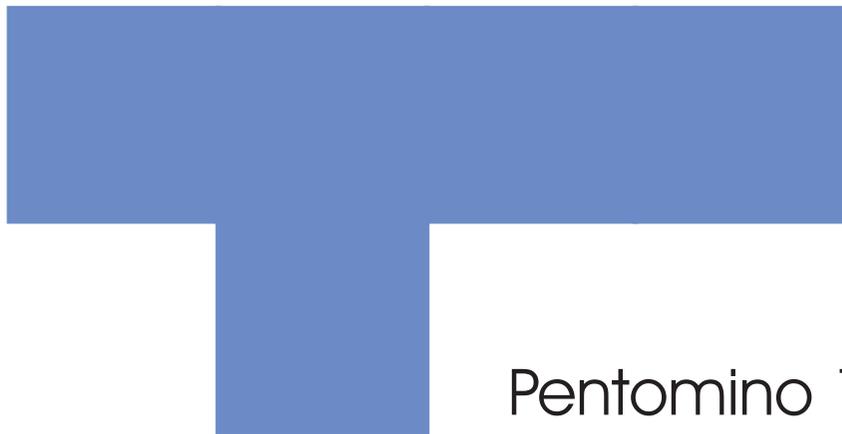
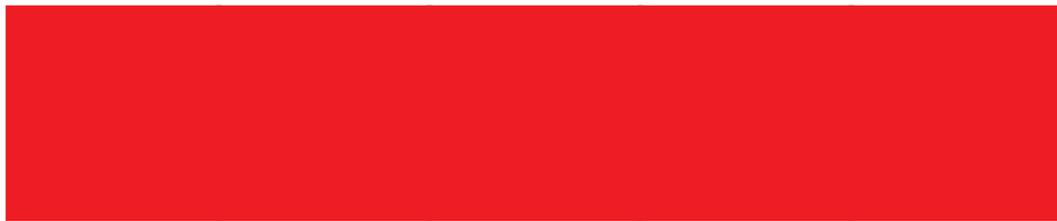
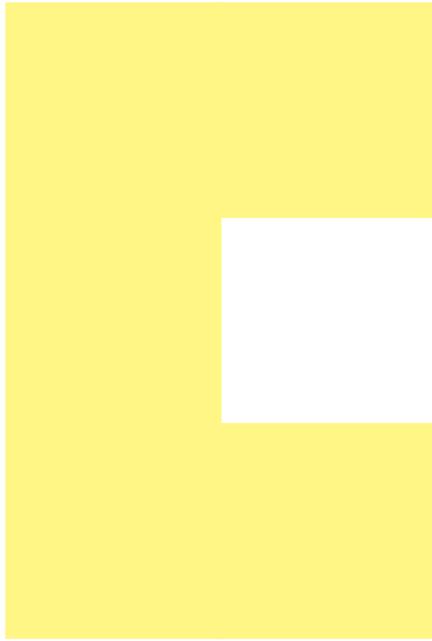




Pentomino 1 Figuren

Pentomino 1 Figuren

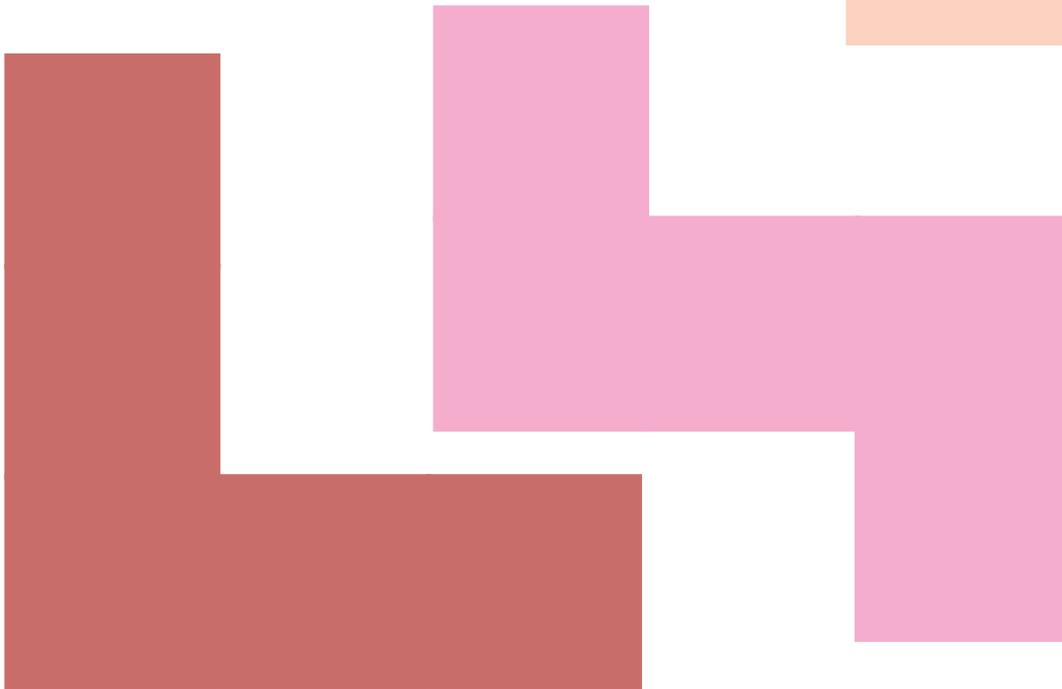
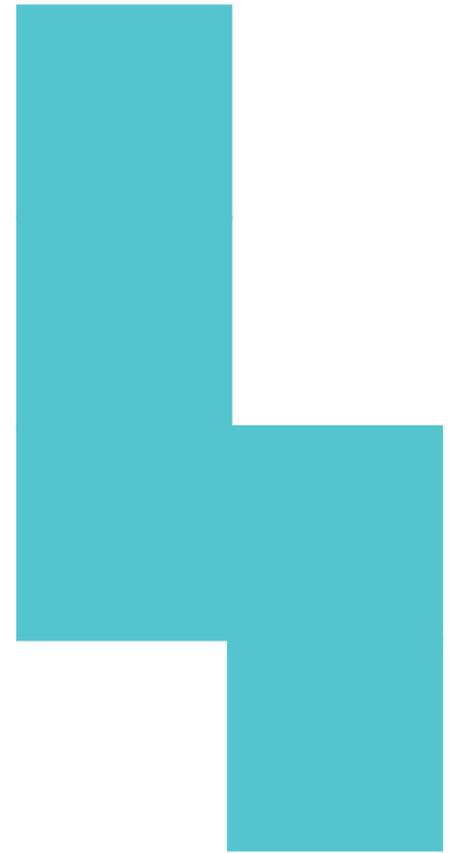
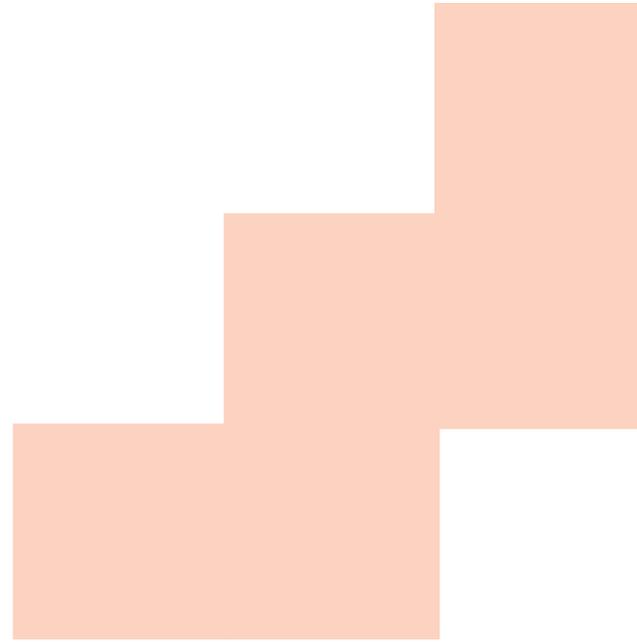
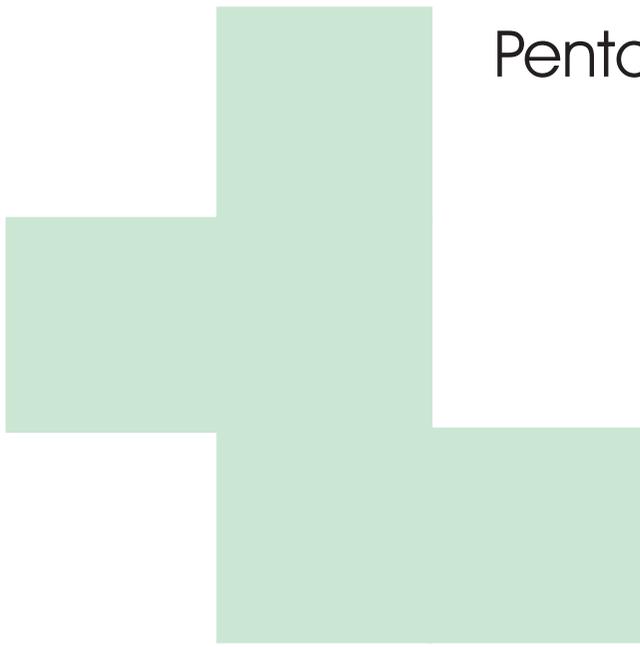




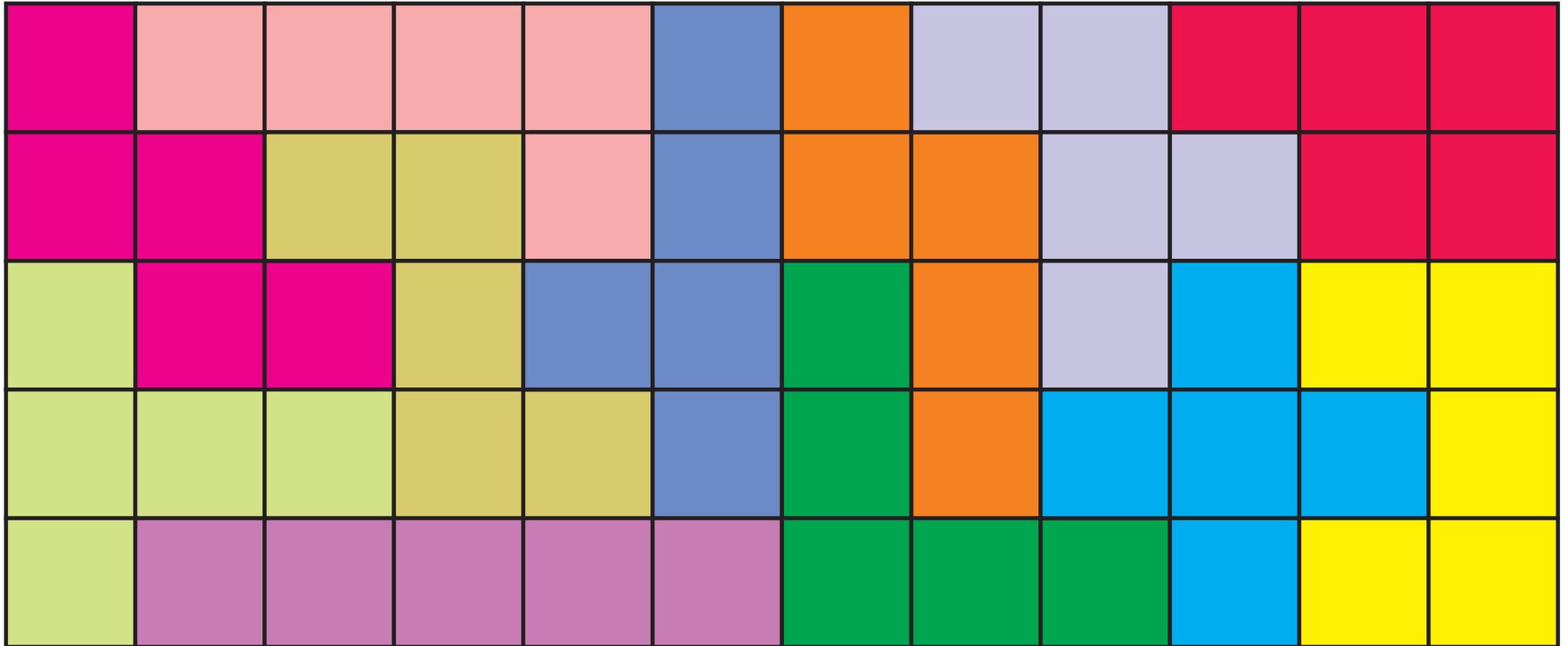
Pentomino 1

Figuren ohne Gitter

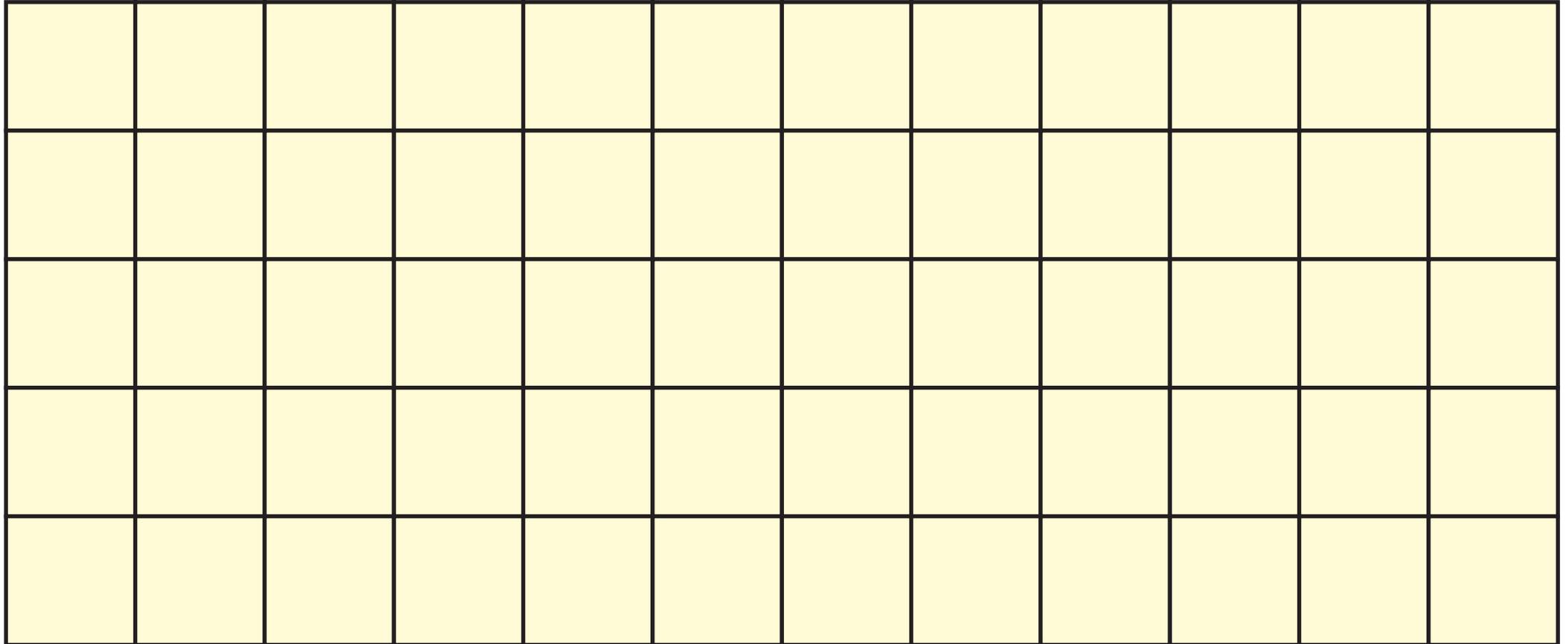
Pentomino 1 Figuren ohne Gitter



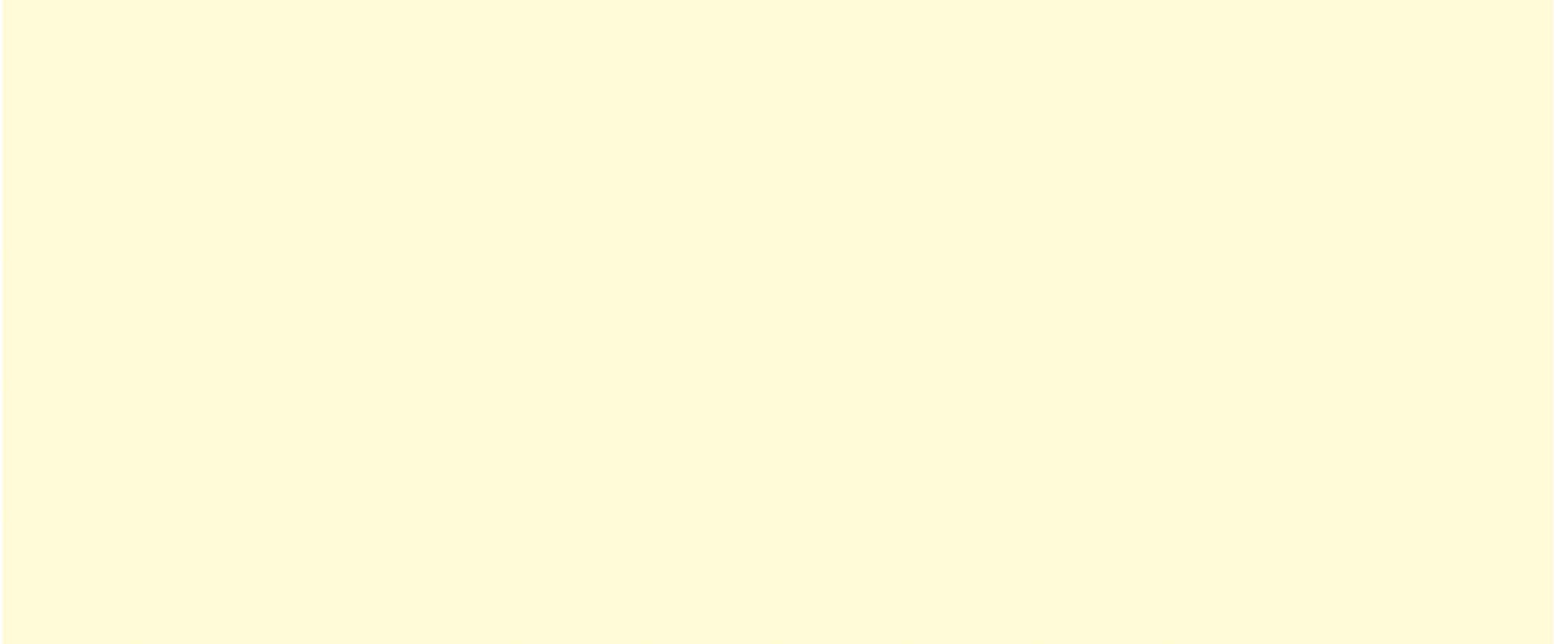
Pentomino 2 Lösung

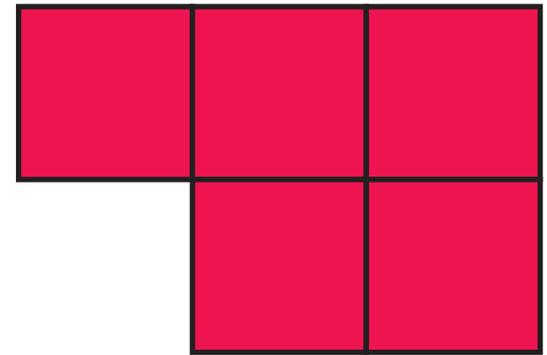
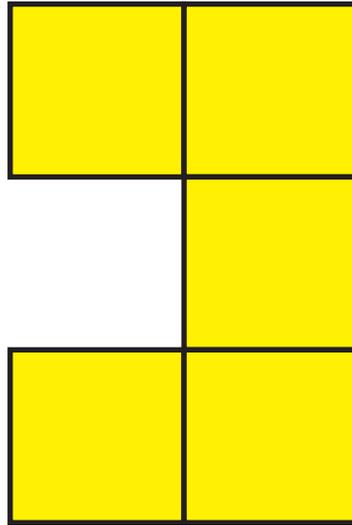
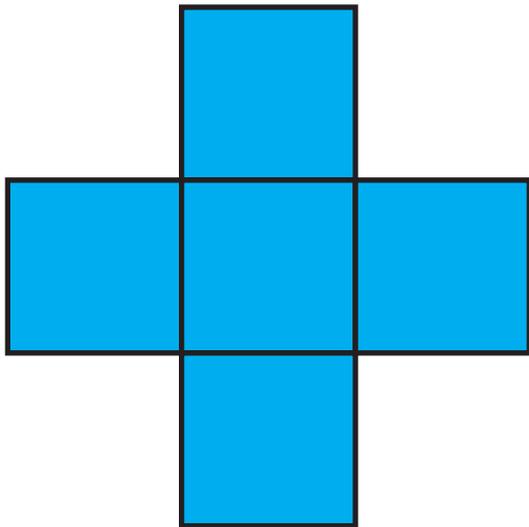
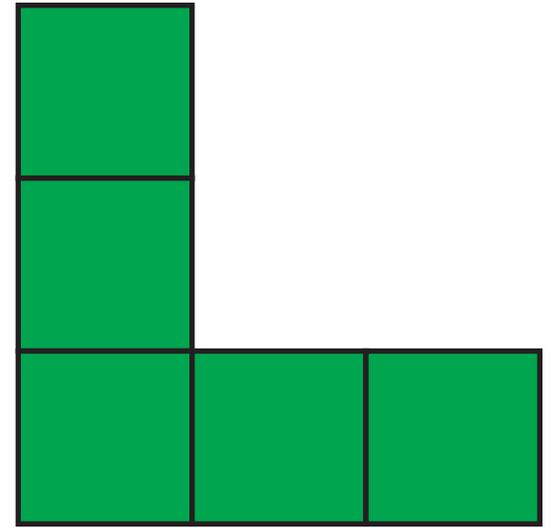
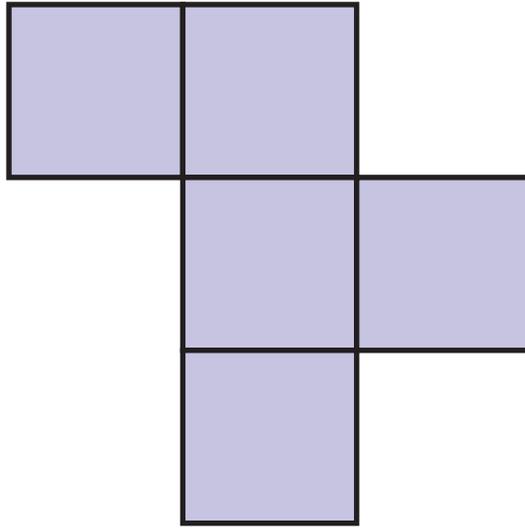
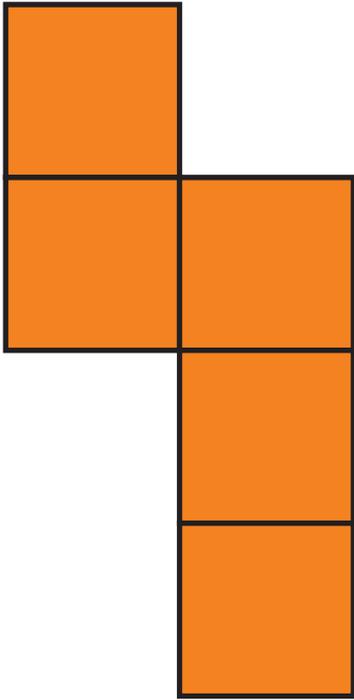


Pentomino 2 Vorlage 1



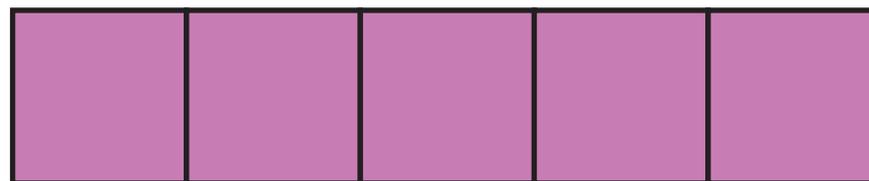
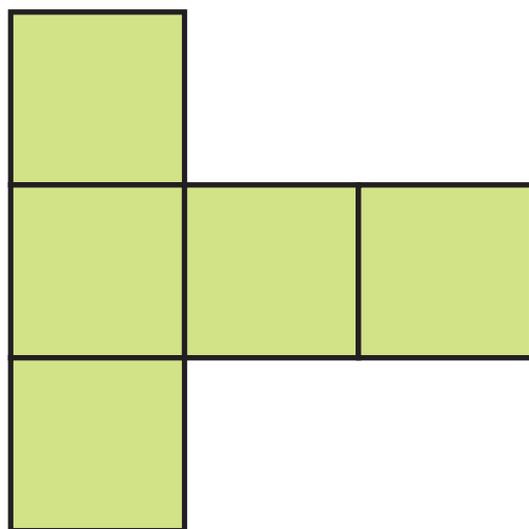
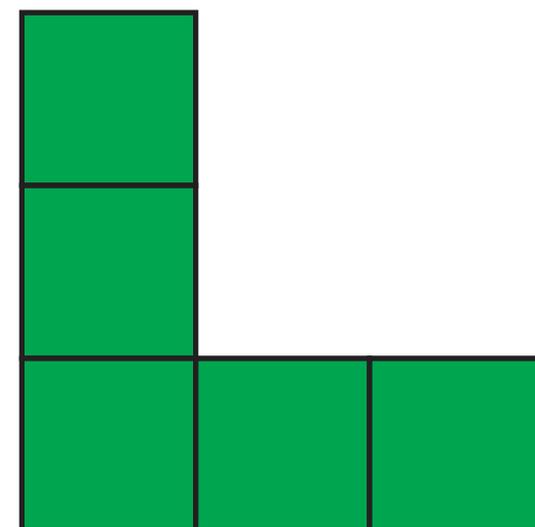
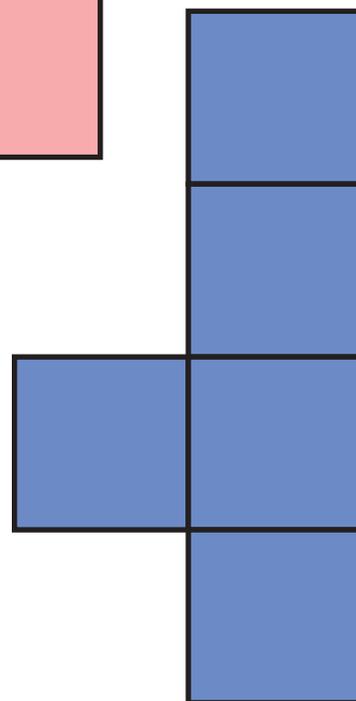
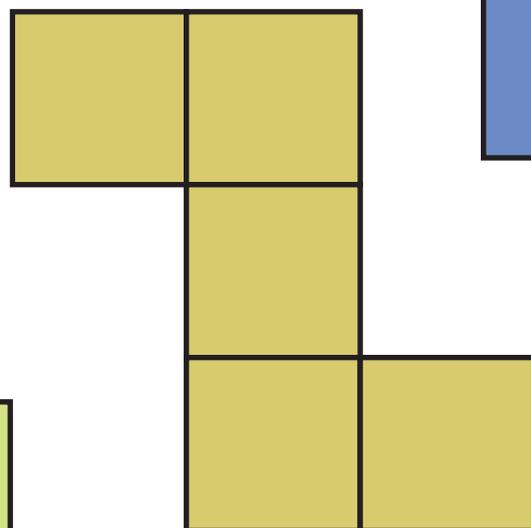
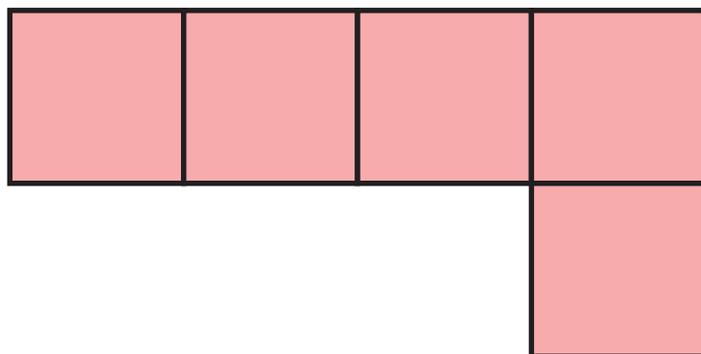
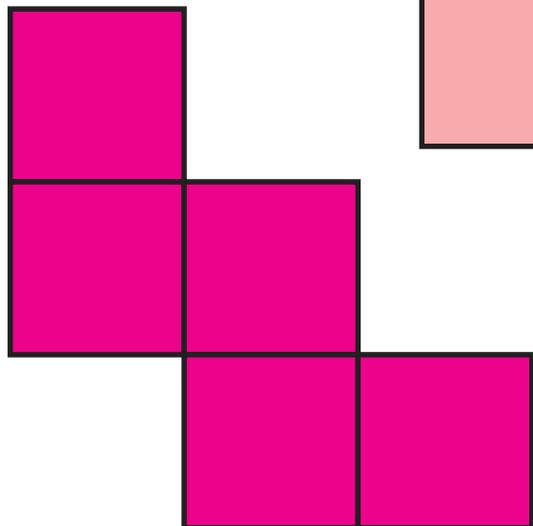
Pentomino 2 Vorlage 2

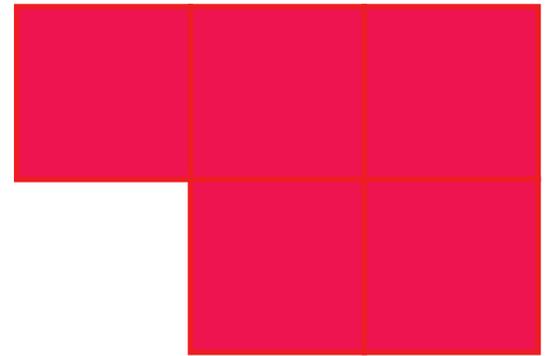
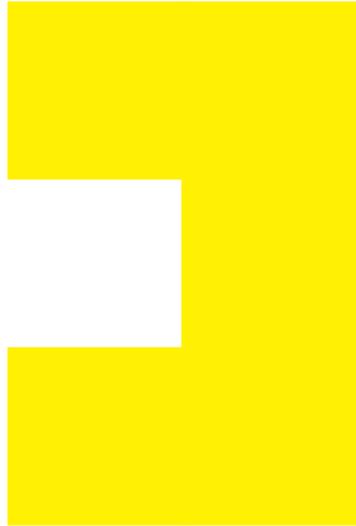
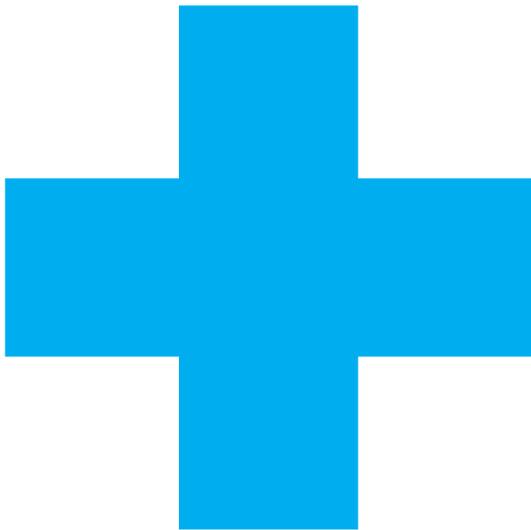
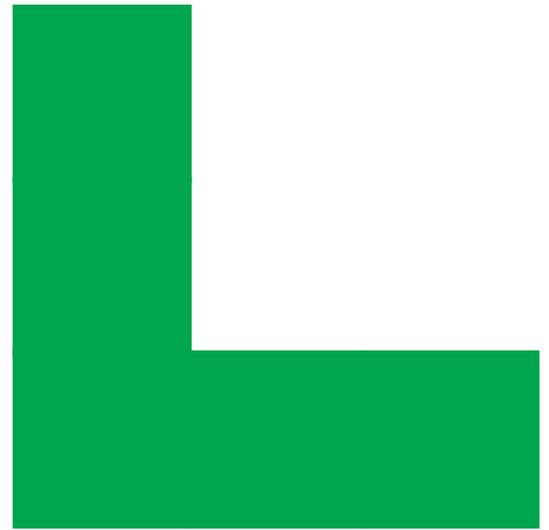
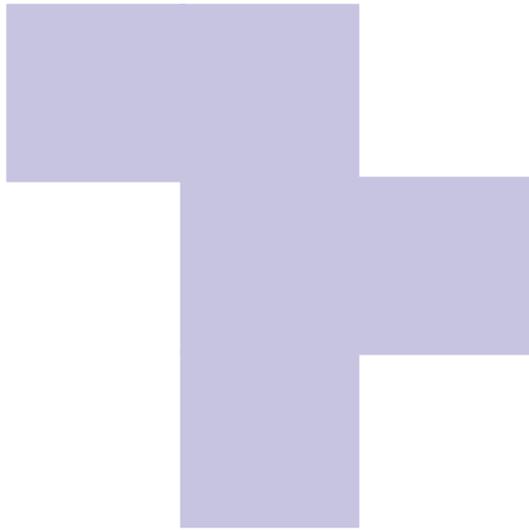




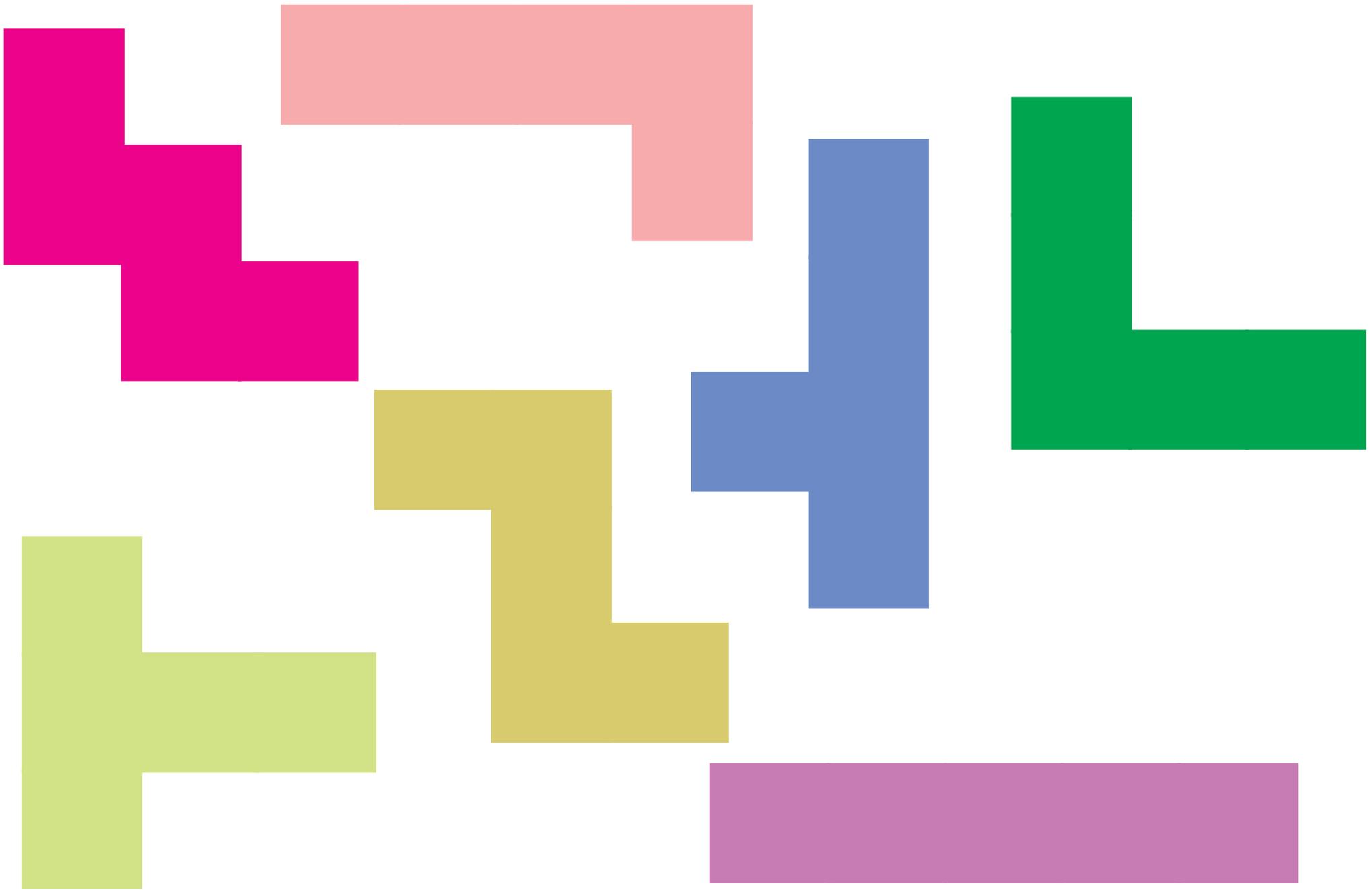
Pentomino 2 Figuren

Pentomino 2 Figuren





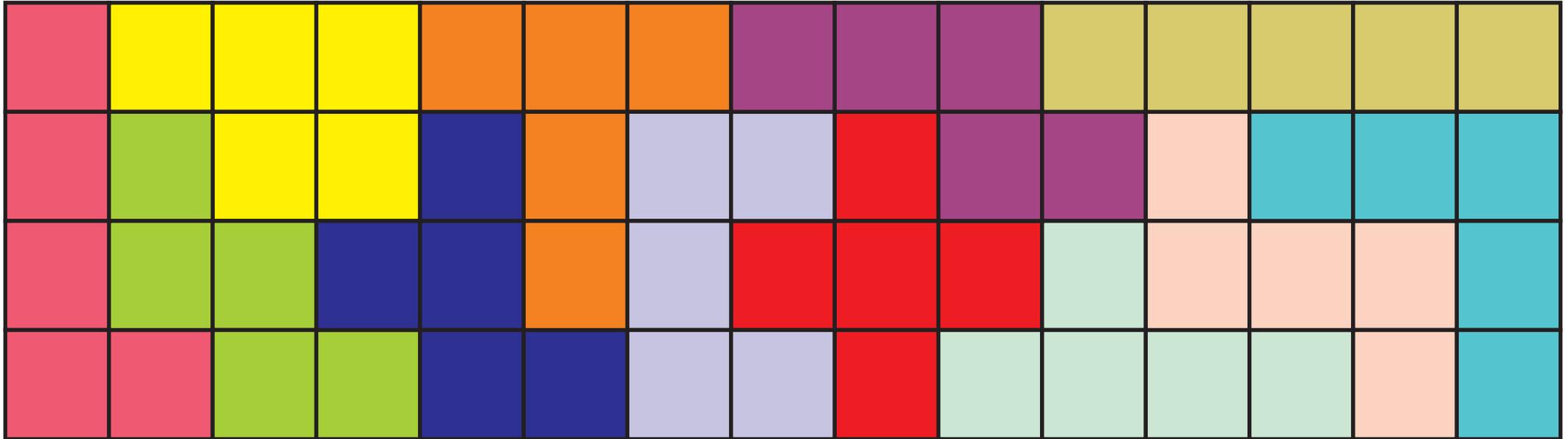
Pentomino 2 Figuren ohne Gitter



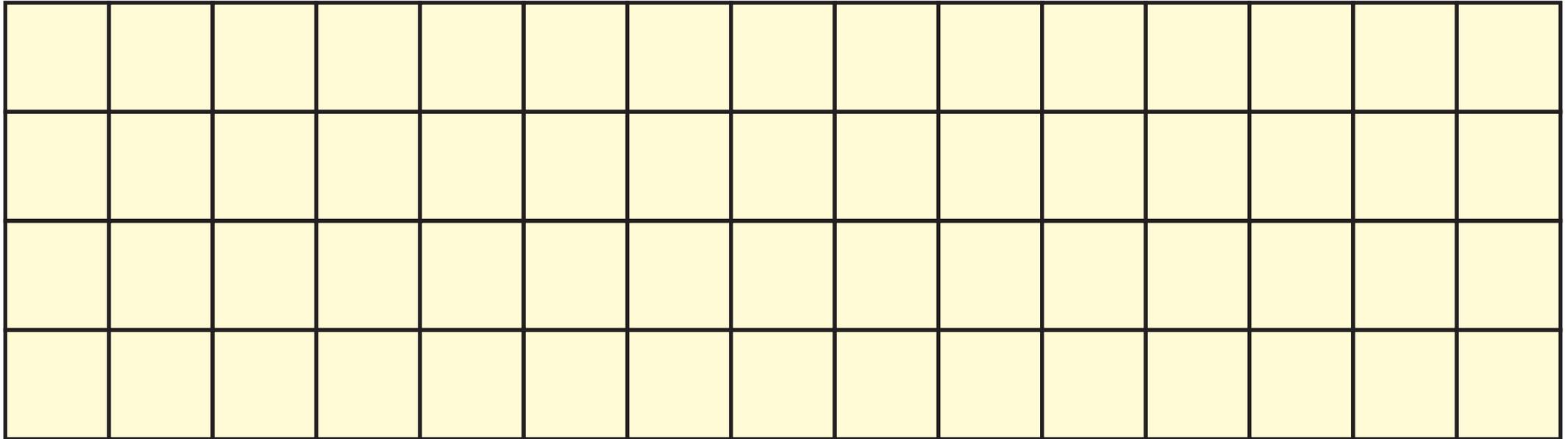
Pentomino 2

Figuren ohne Gitter

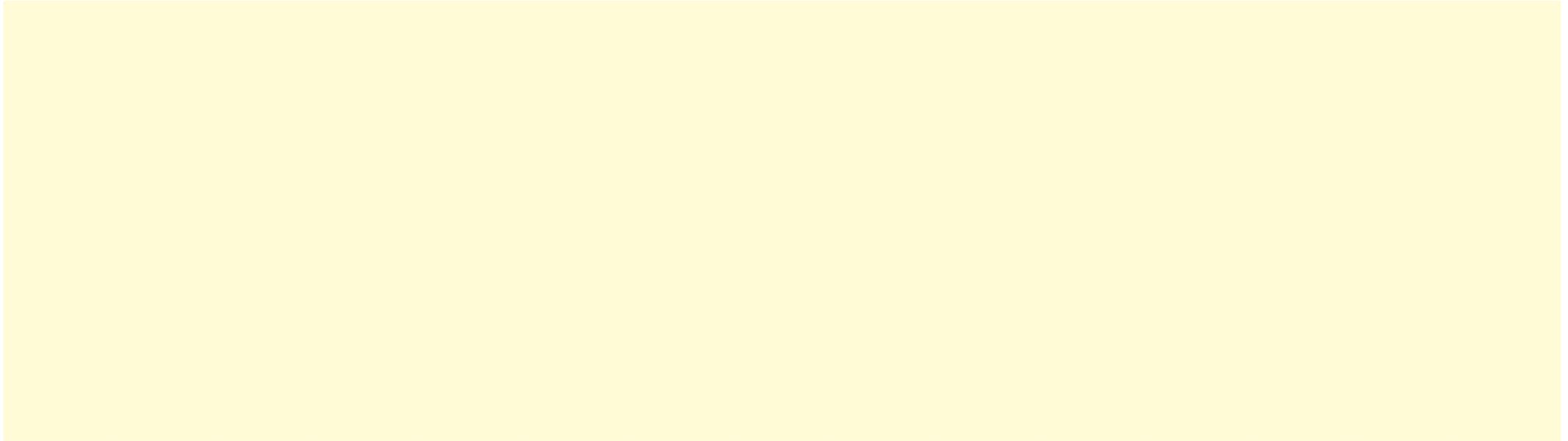
Pentomino 3 Lösung



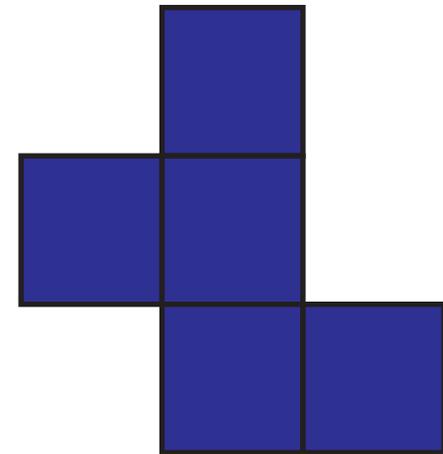
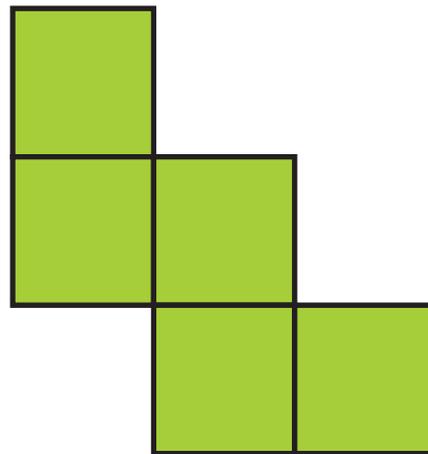
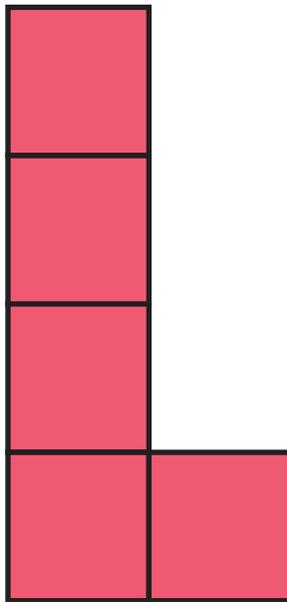
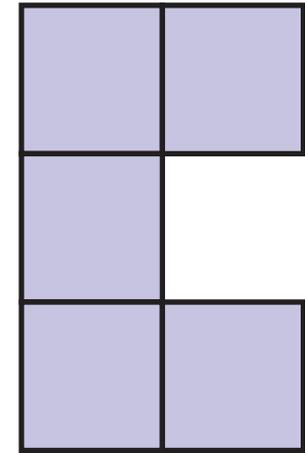
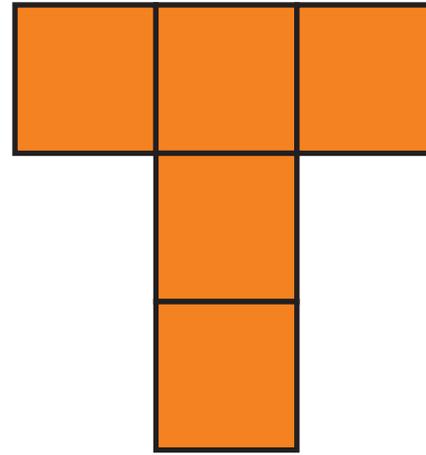
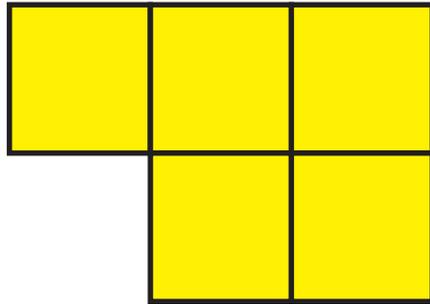
Pentomino 3 Vorlage 1



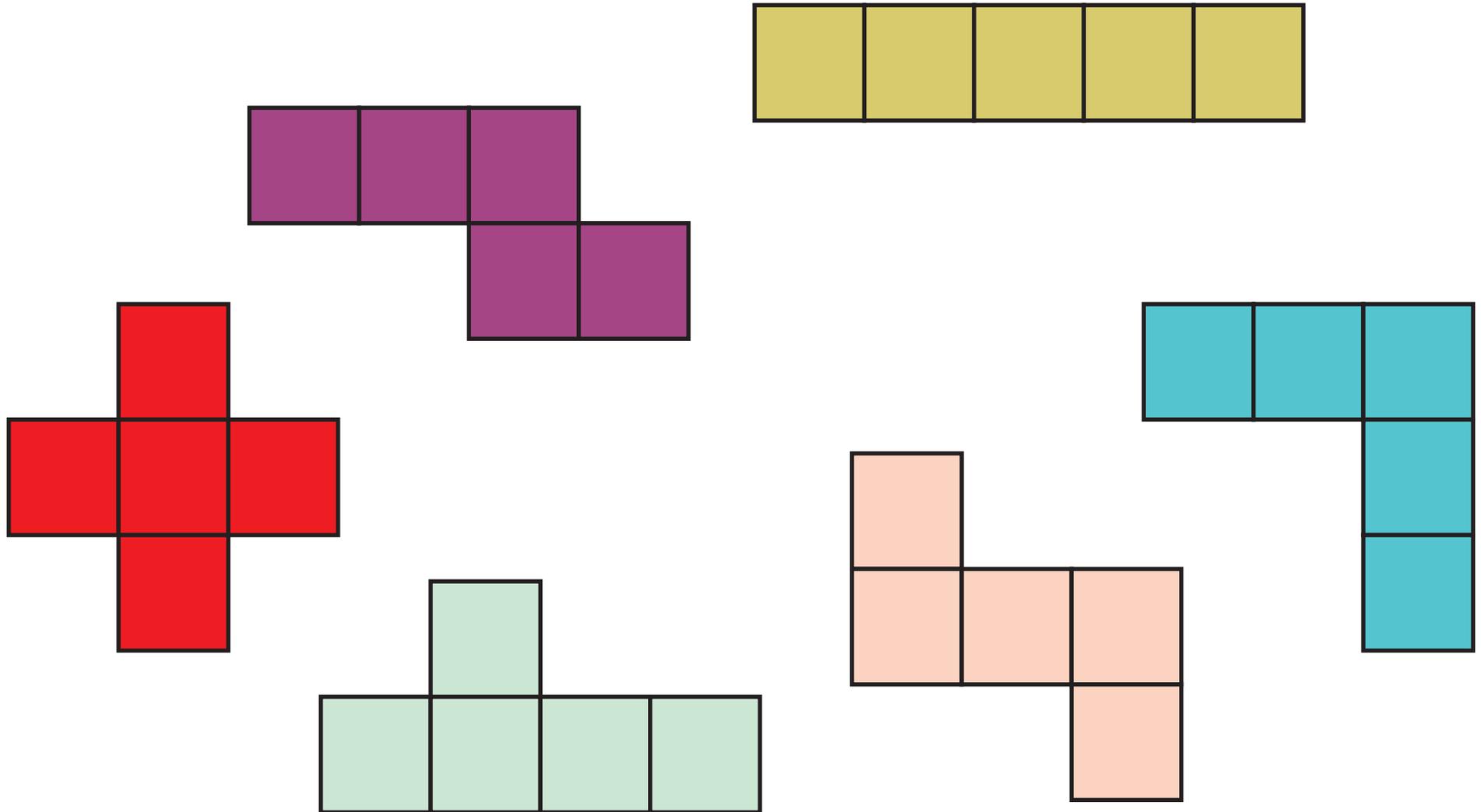
Pentomino 3 Vorlage 2



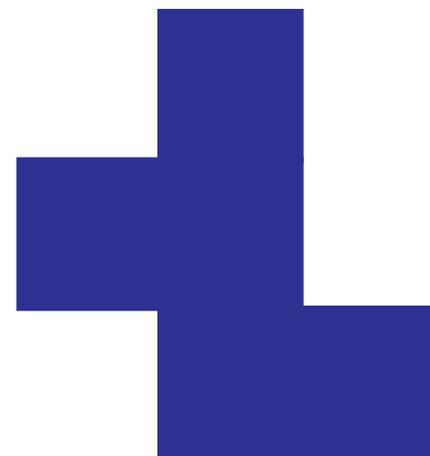
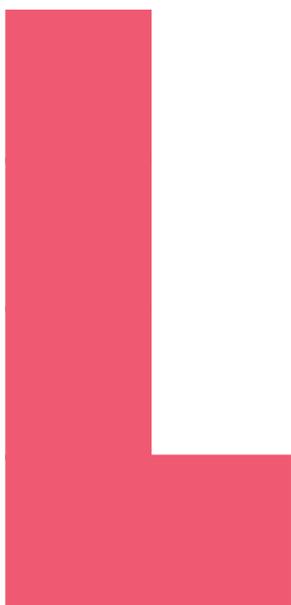
Pentomino 3 Figuren



Pentomino 3 Figuren



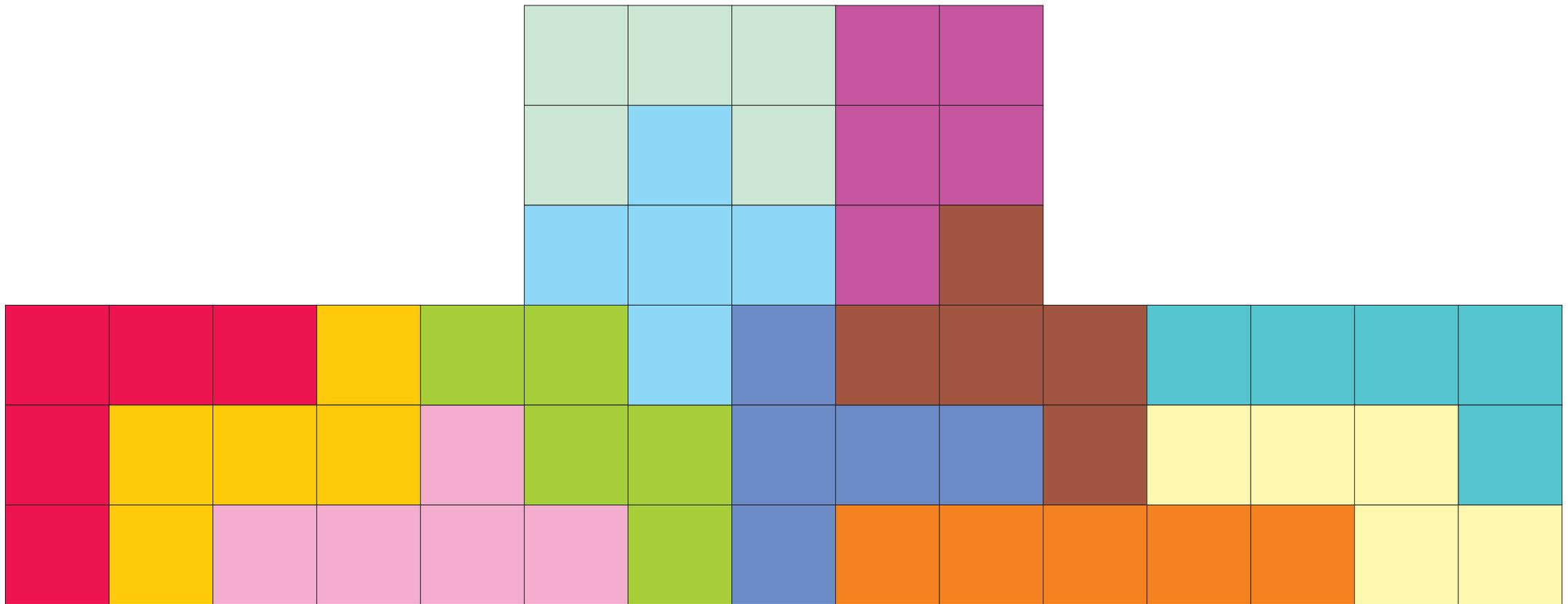
Pentomino 3 Figuren ohne Gitter



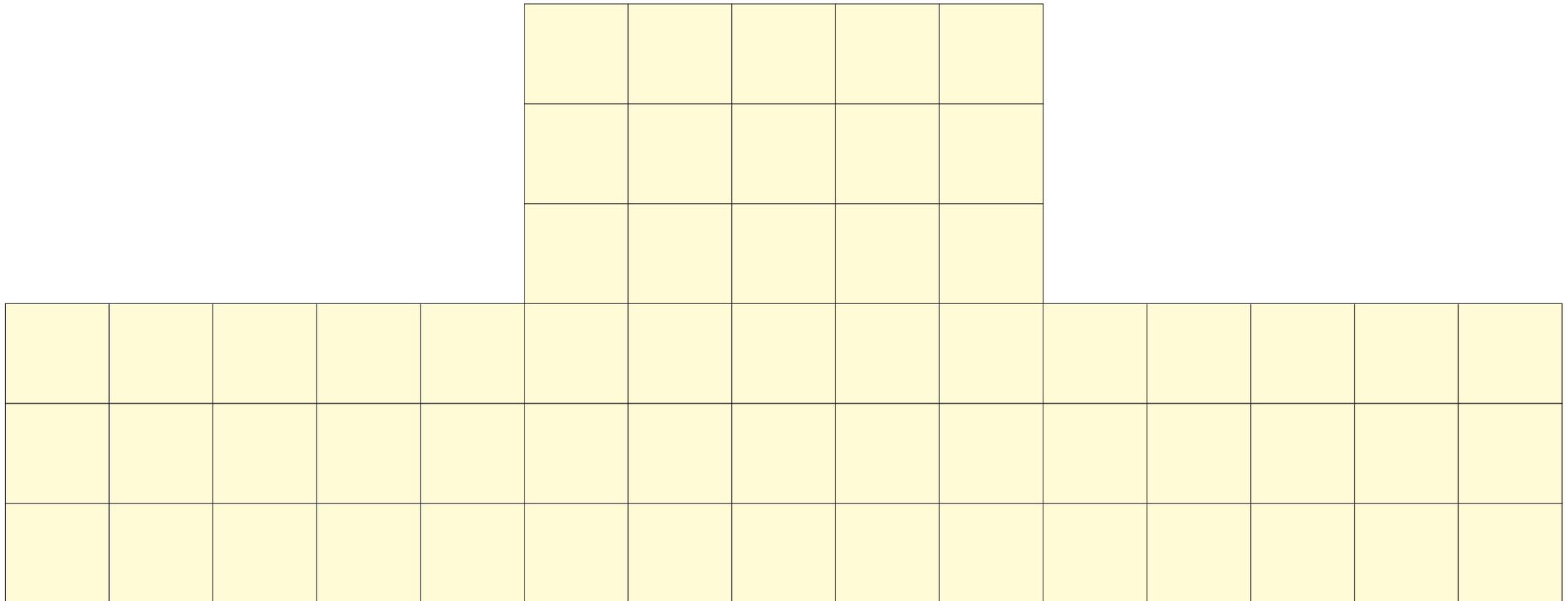
Pentomino 3 Figuren ohne Gitter



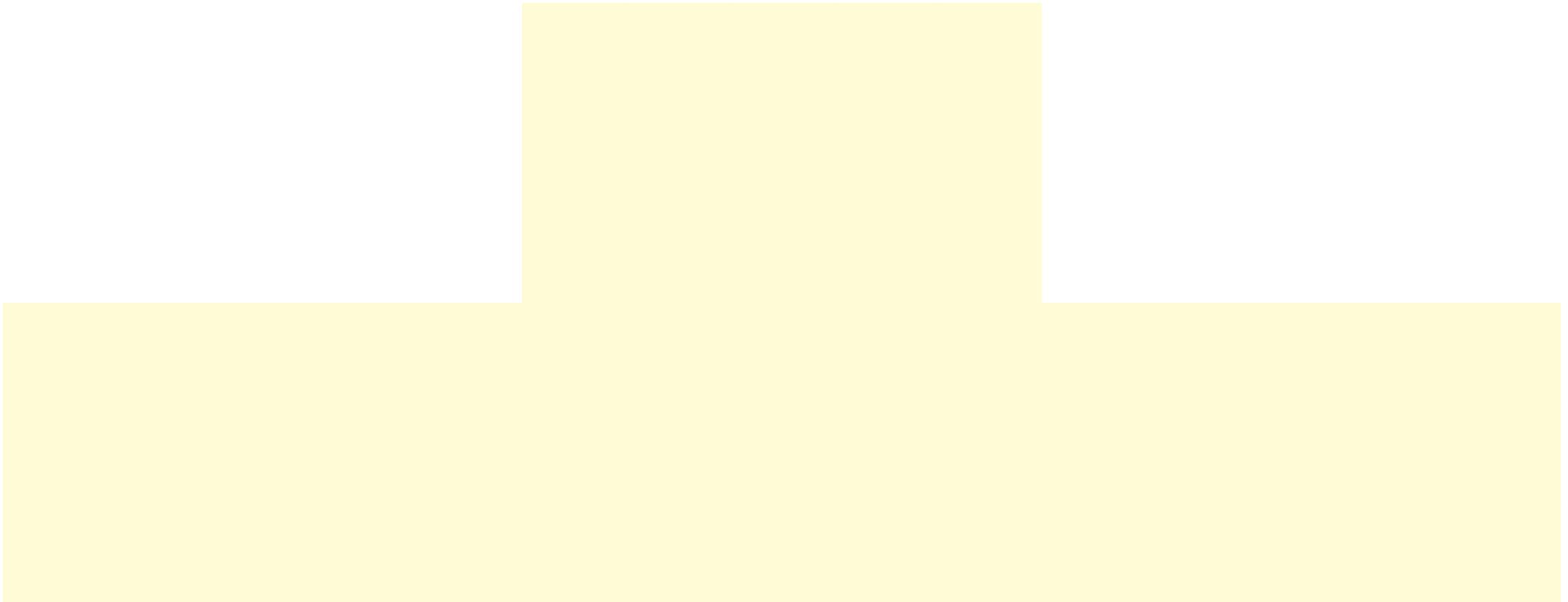
Pentomino 4 Lösung



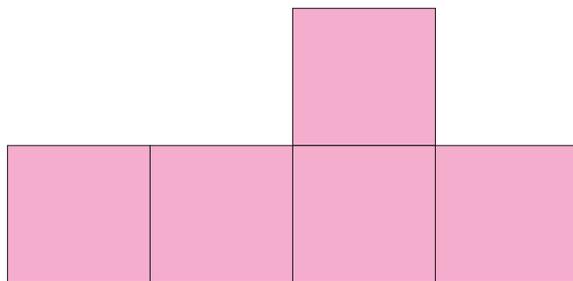
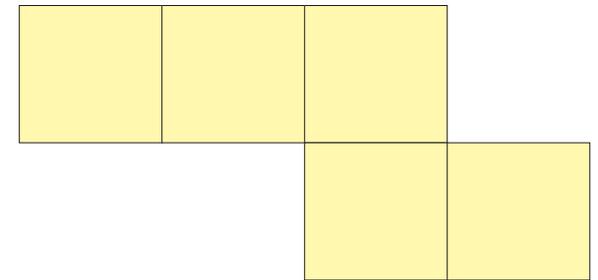
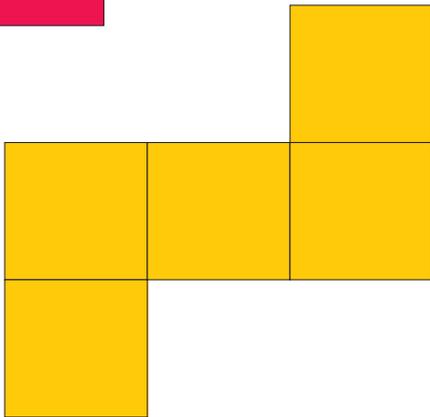
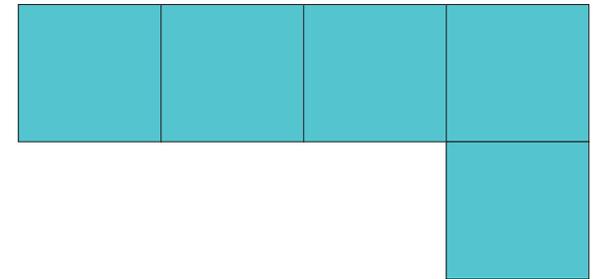
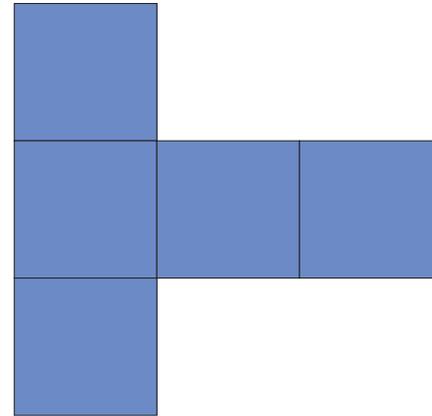
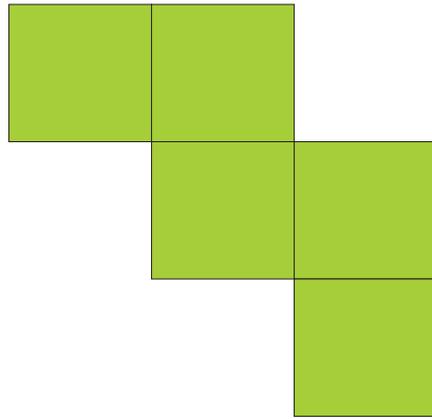
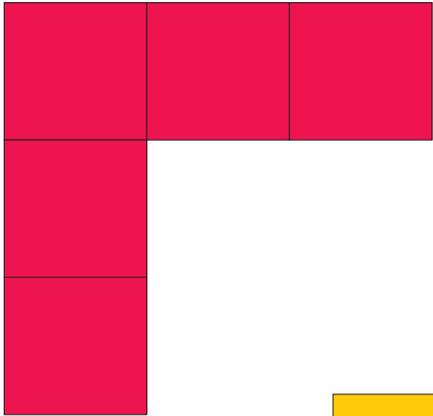
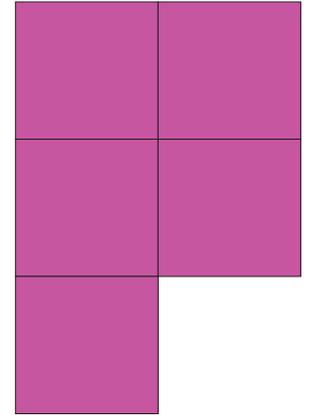
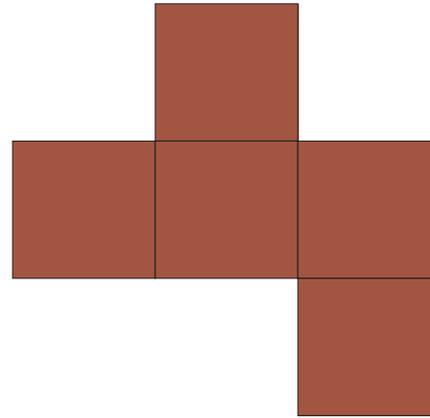
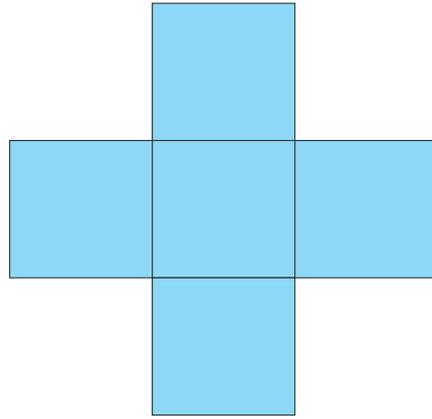
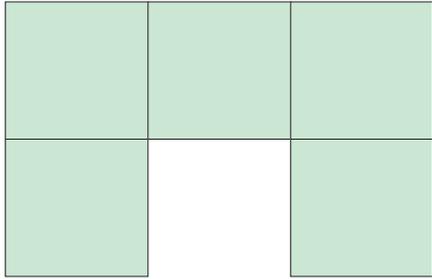
Pentomino 4 Vorlage 1



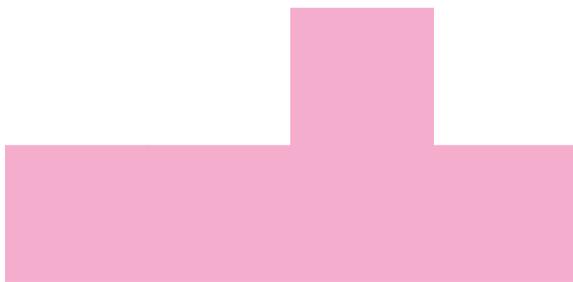
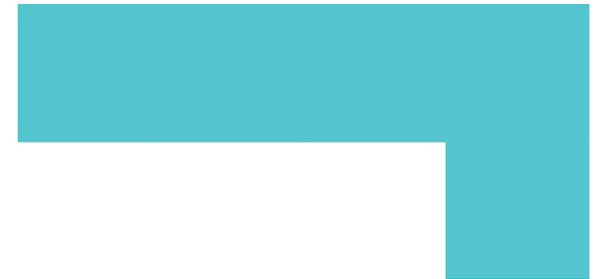
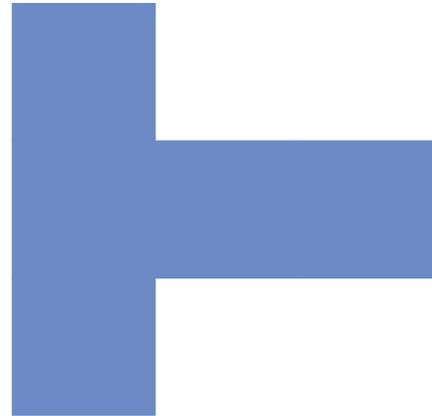
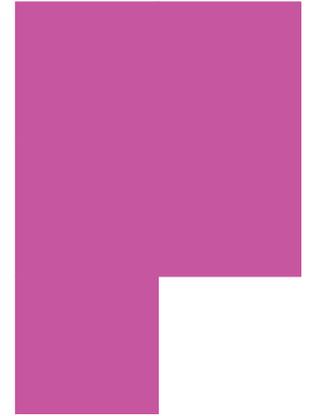
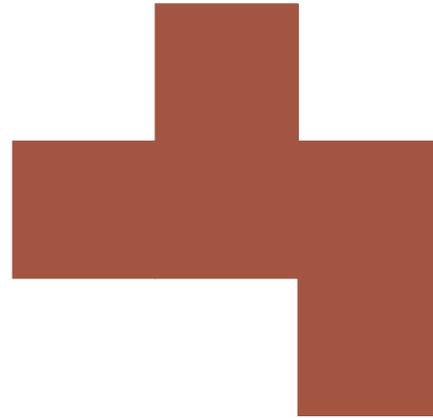
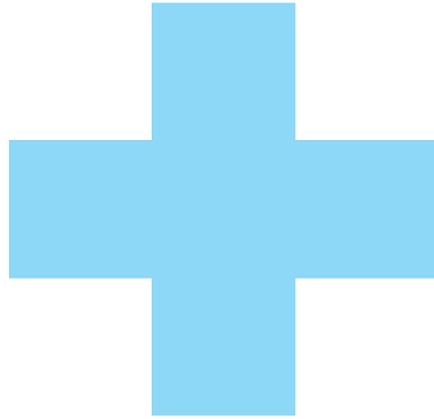
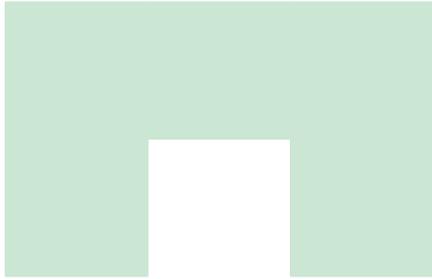
Pentomino 4 Vorlage 2



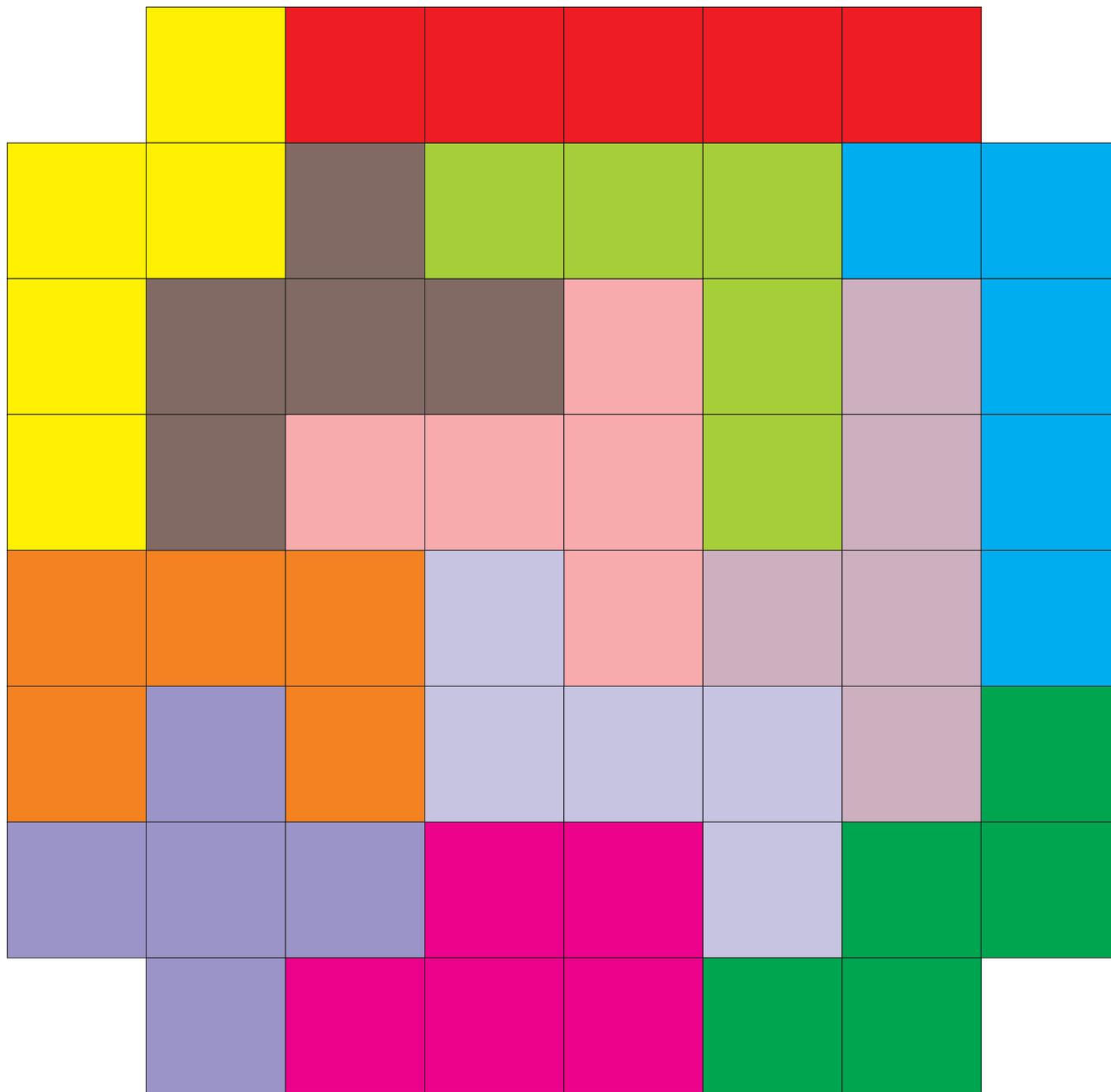
Pentomino 4 Figuren



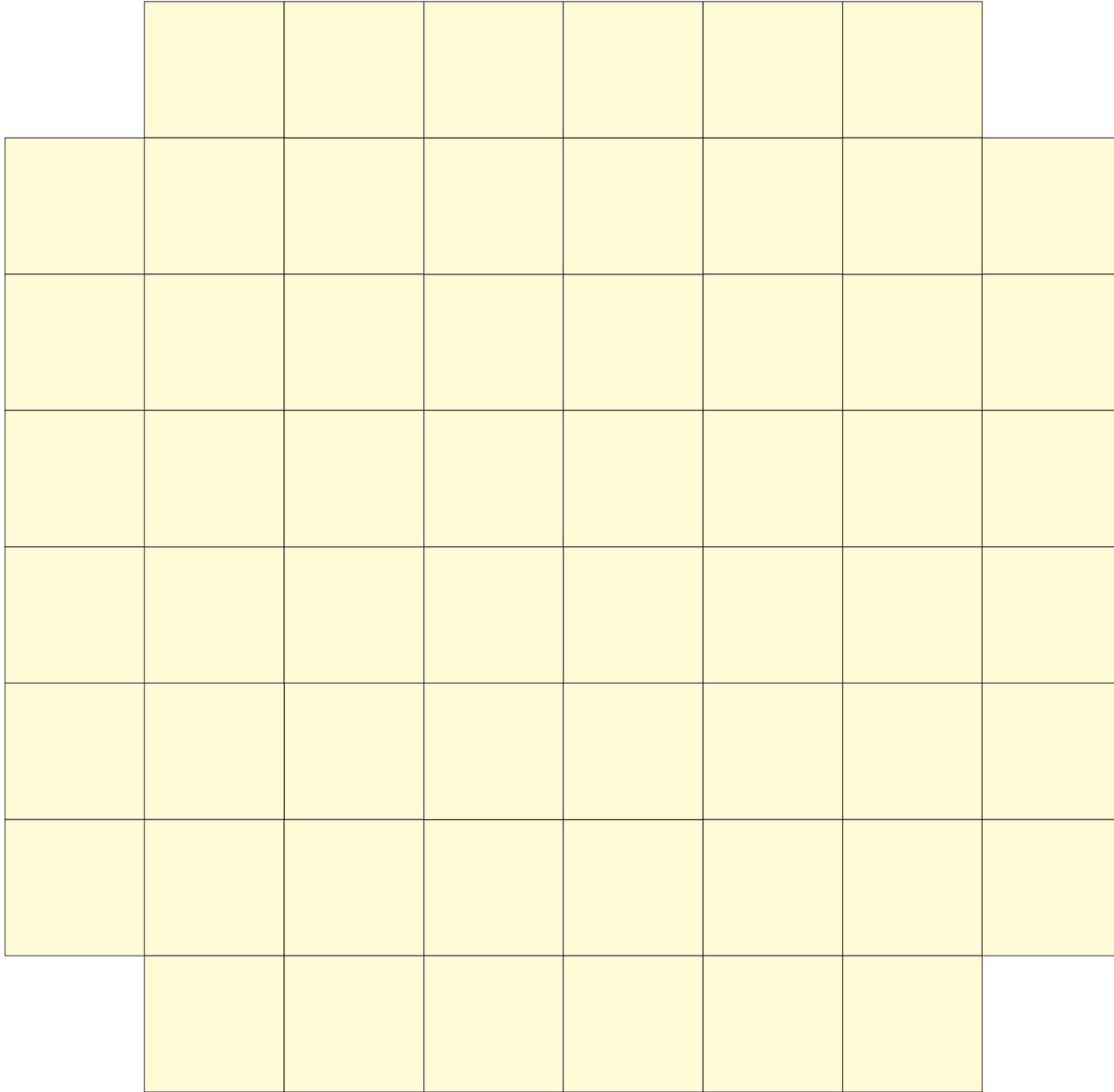
Pentomino 4 Figuren ohne Gitter



Pentomino 5 Lösung



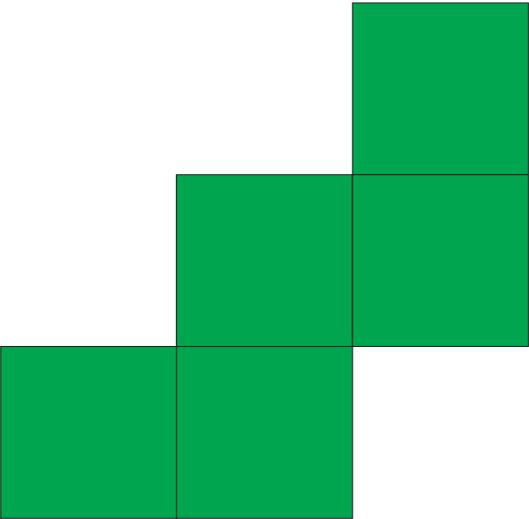
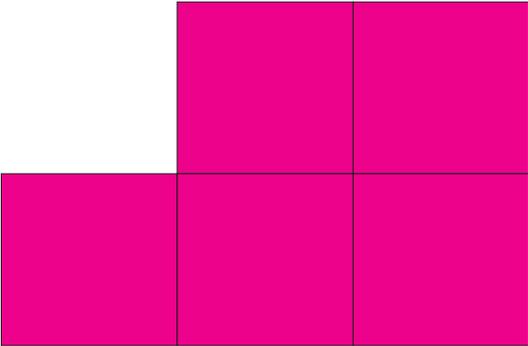
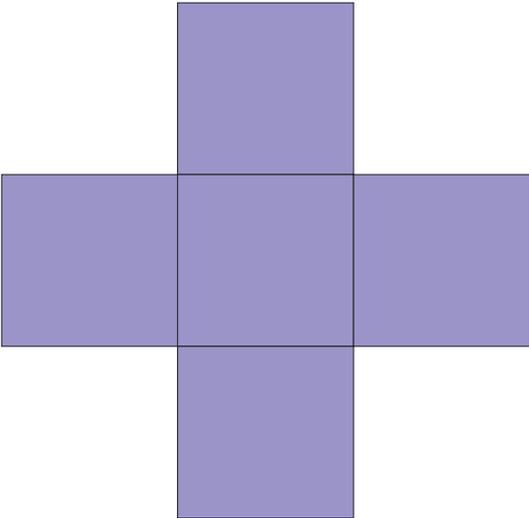
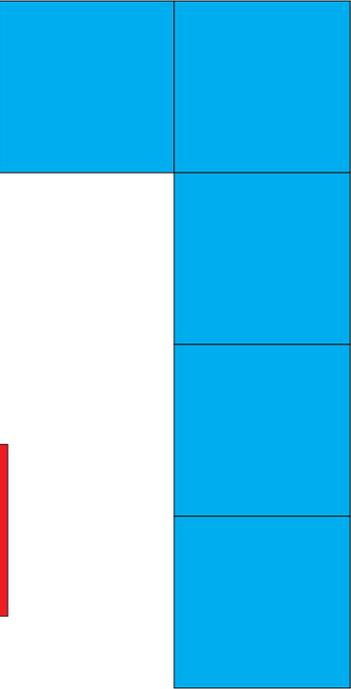
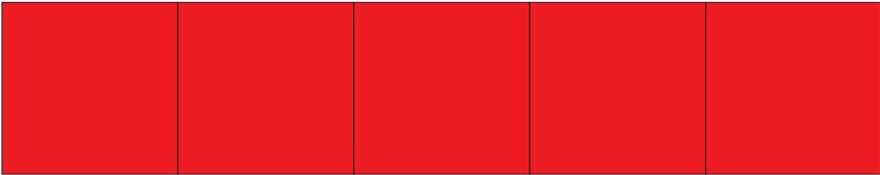
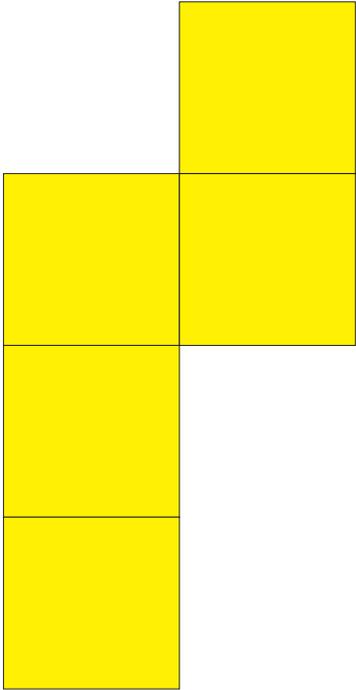
Pentomino 5 Vorlage 1



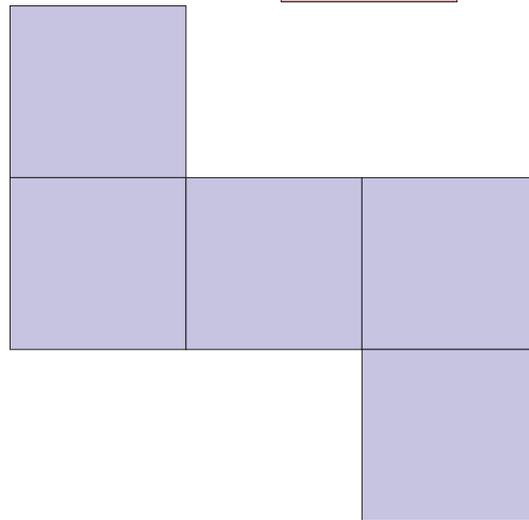
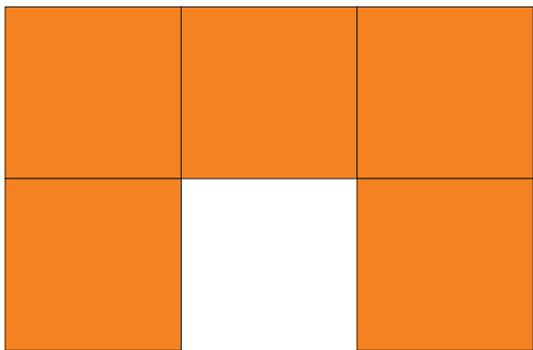
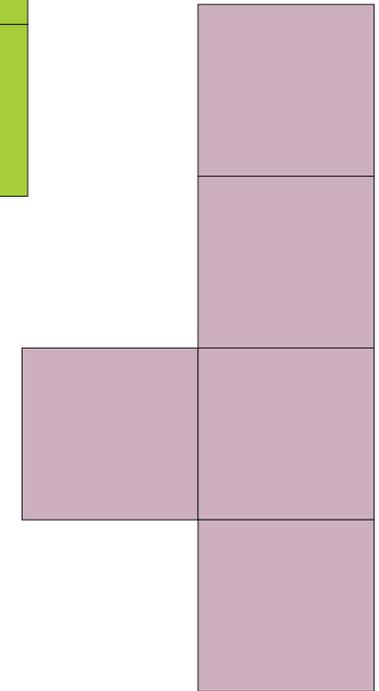
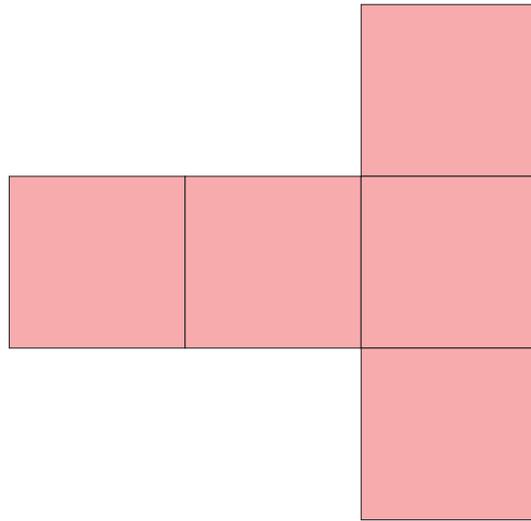
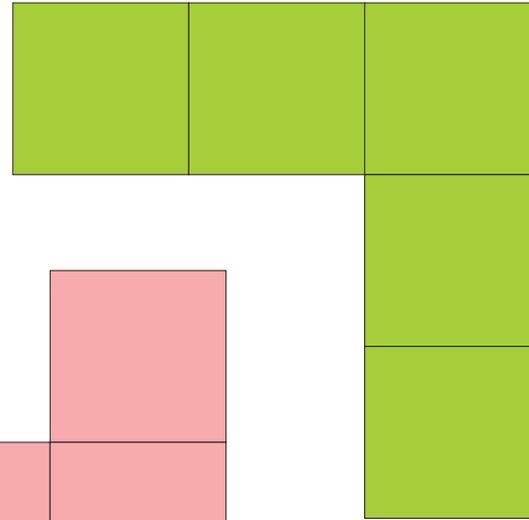
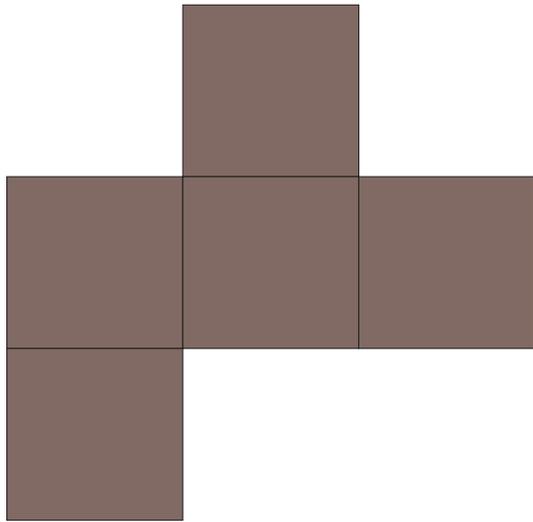
Pentomino 5 Vorlage 2



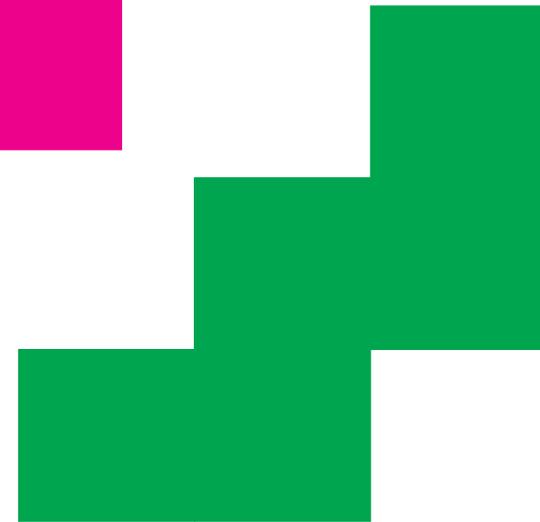
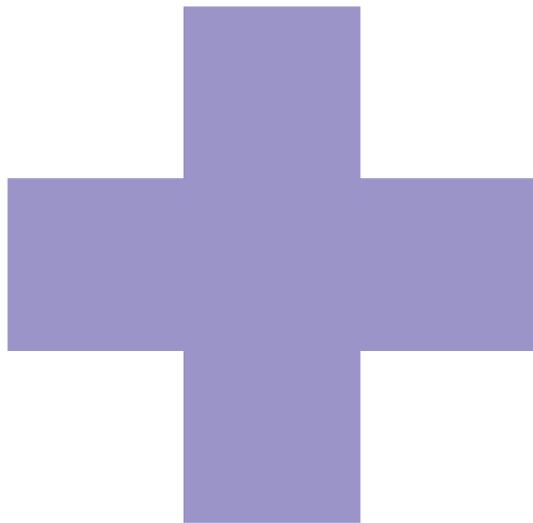
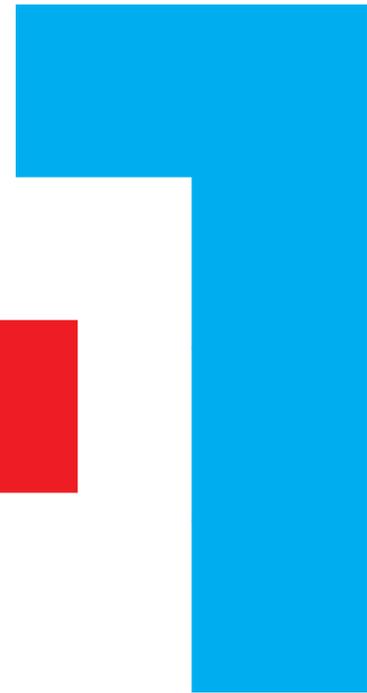
Pentomino 5 Figuren



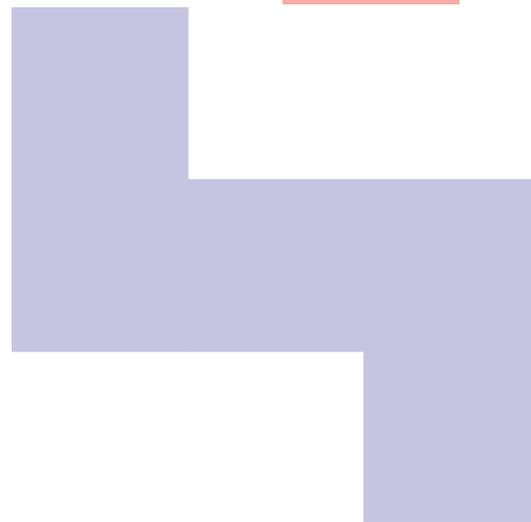
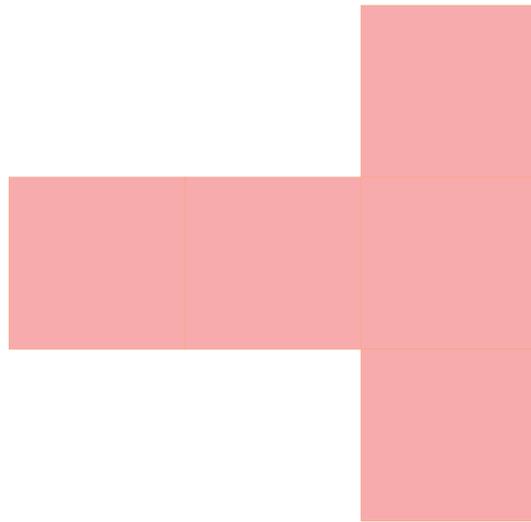
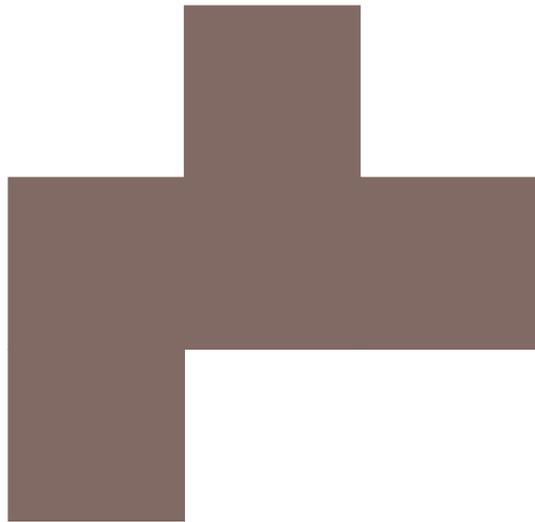
Pentomino 5 Figuren



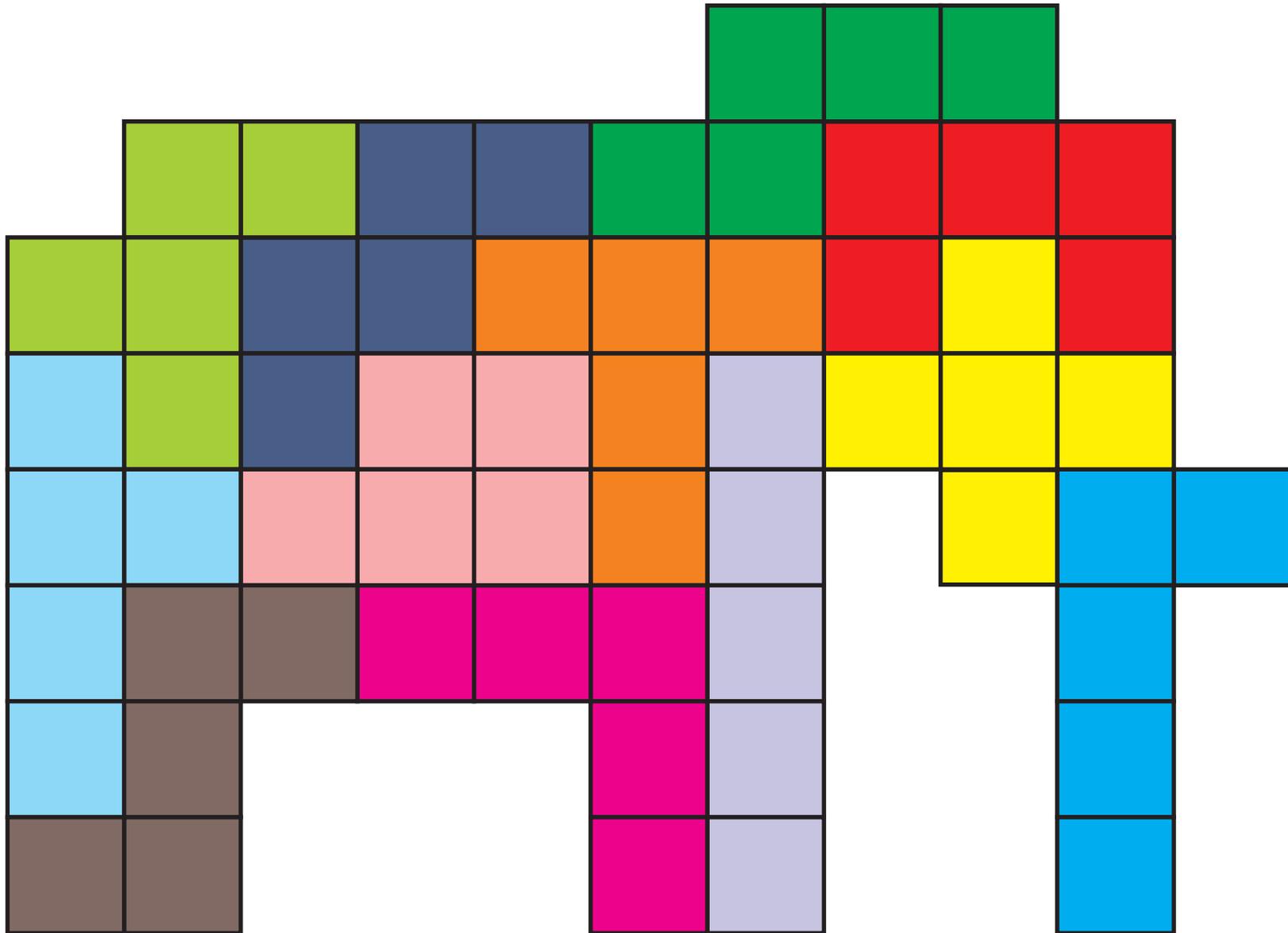
Pentomino 5 Figuren ohne Gitter



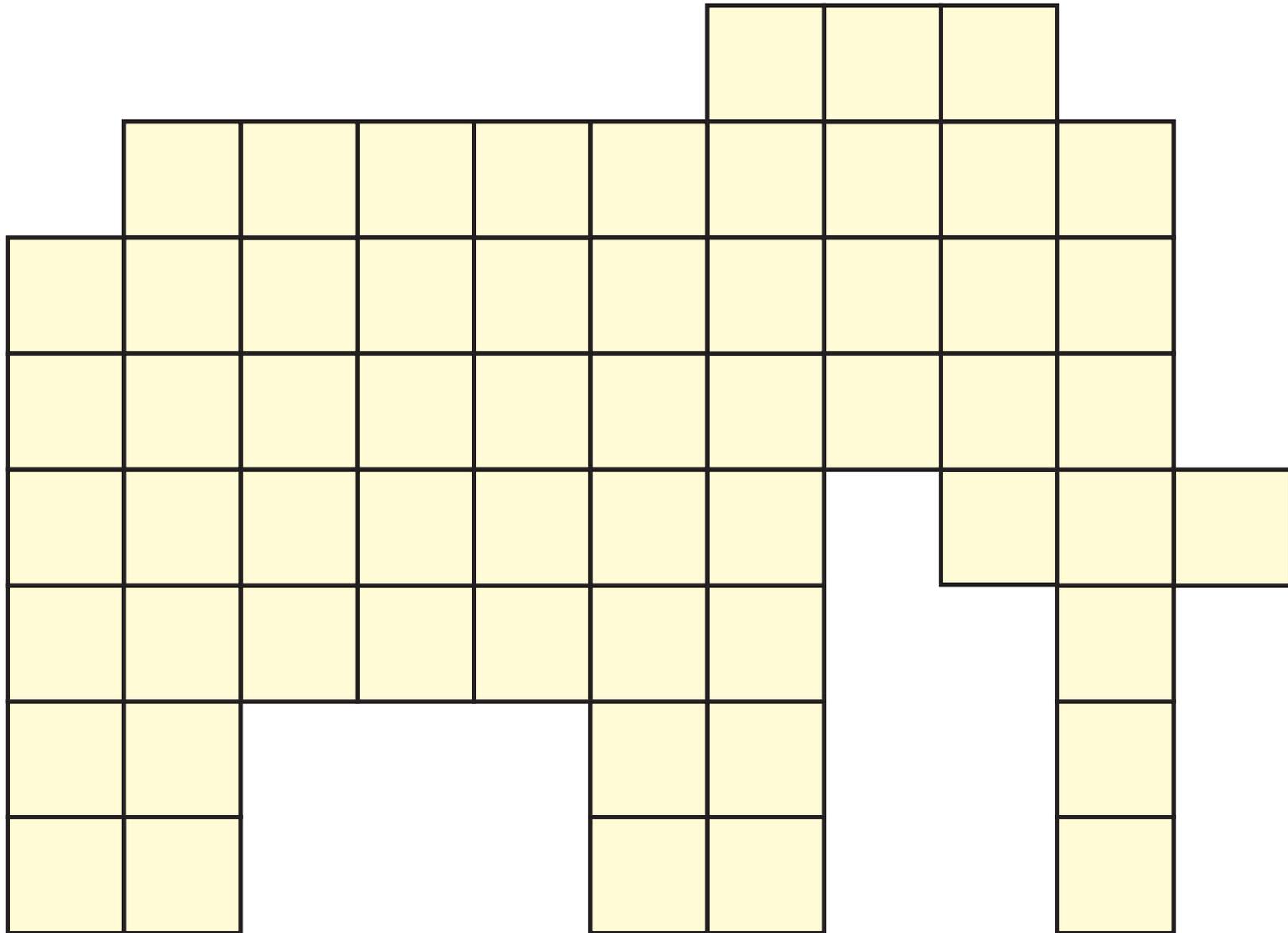
Pentomino 5 Figuren ohne Gitter



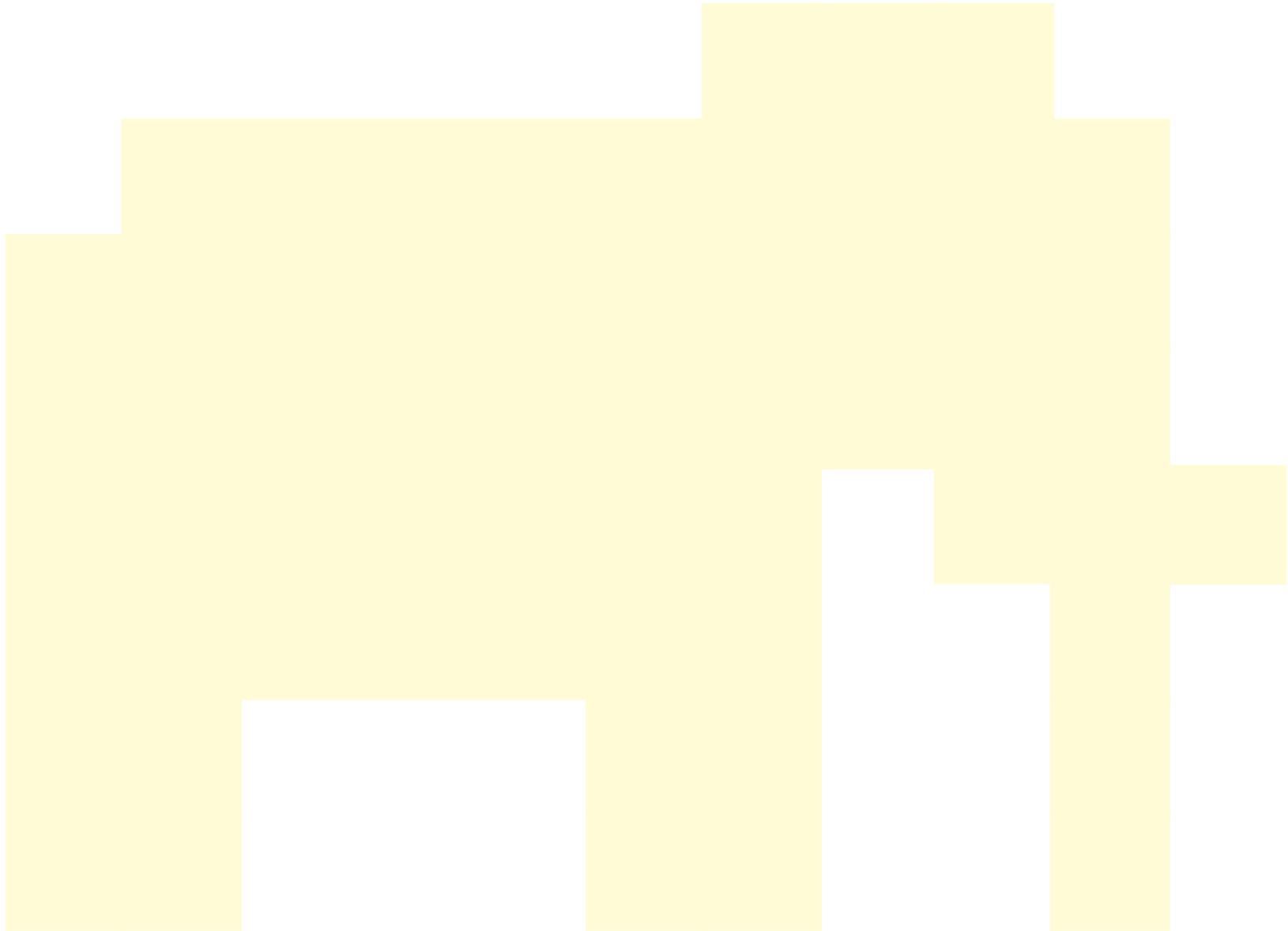
Pentomino 6 Lösung



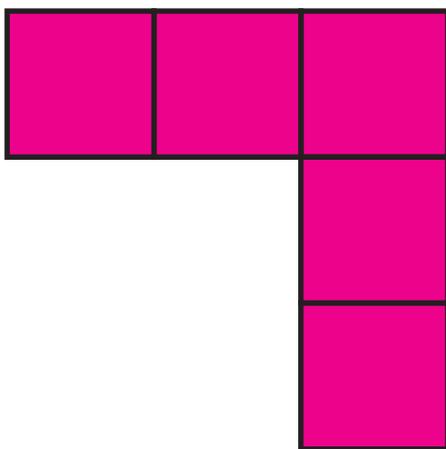
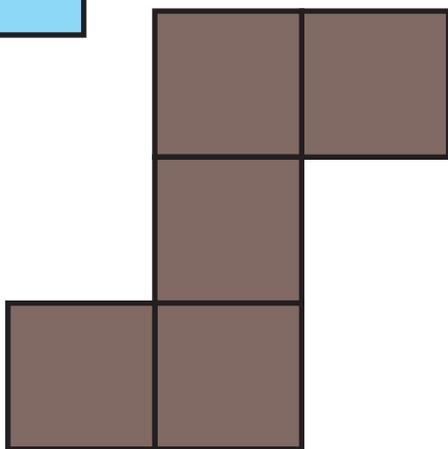
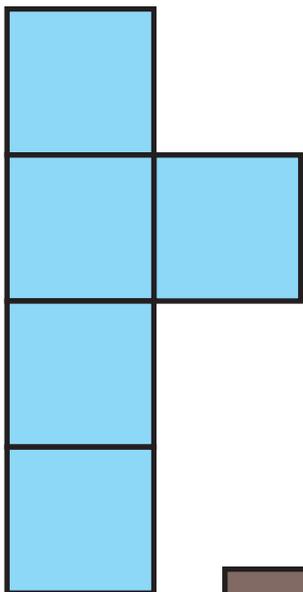
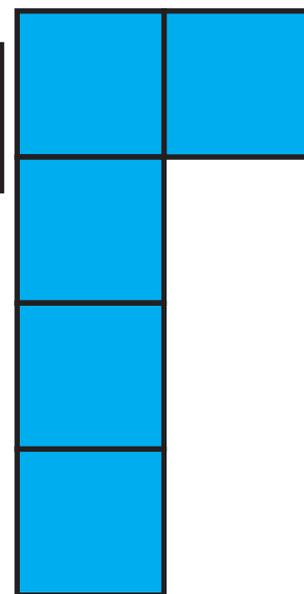
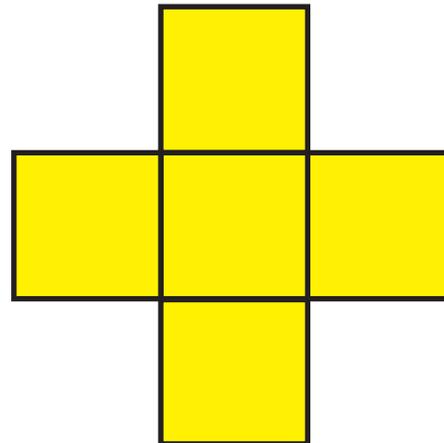
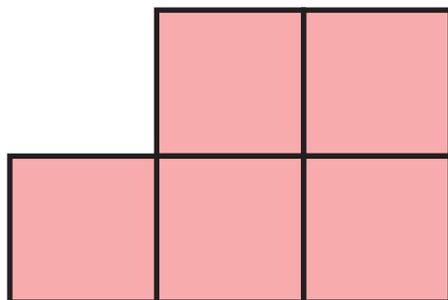
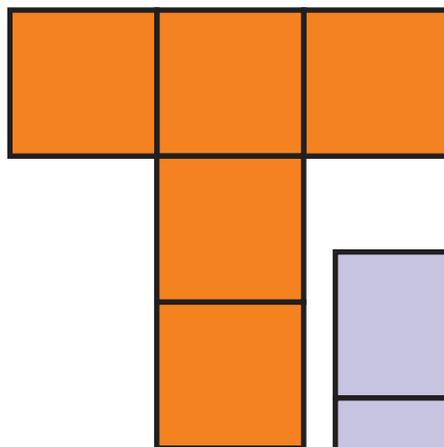
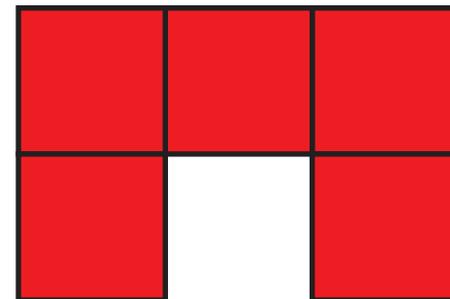
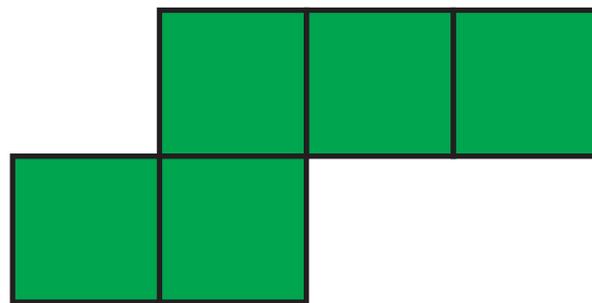
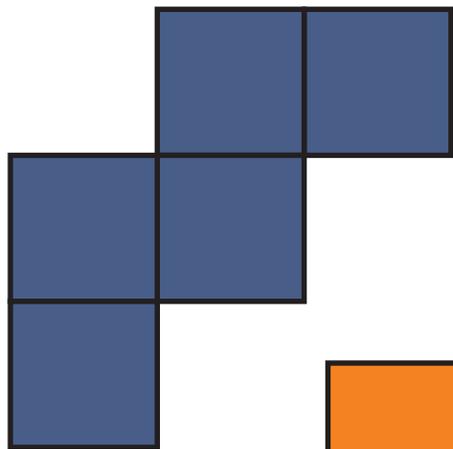
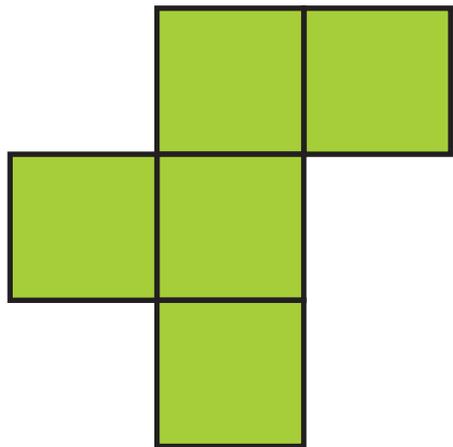
Pentomino 6 Vorlage 1



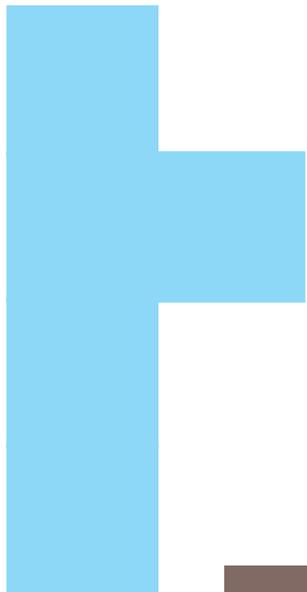
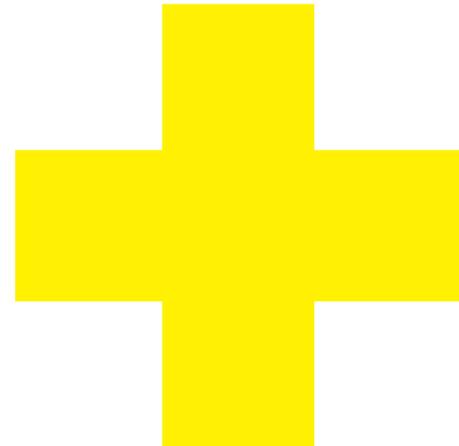
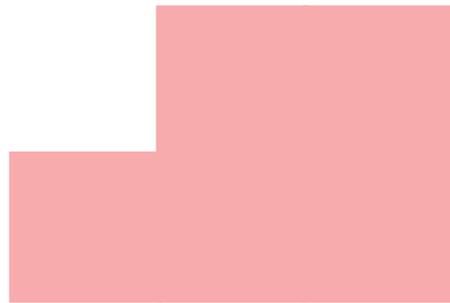
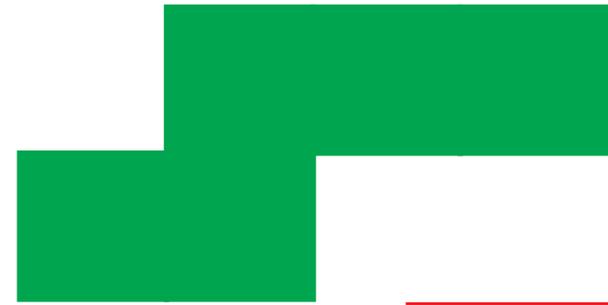
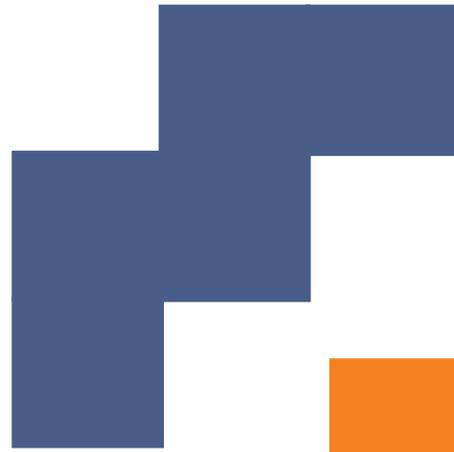
Pentomino 6 Vorlage 2



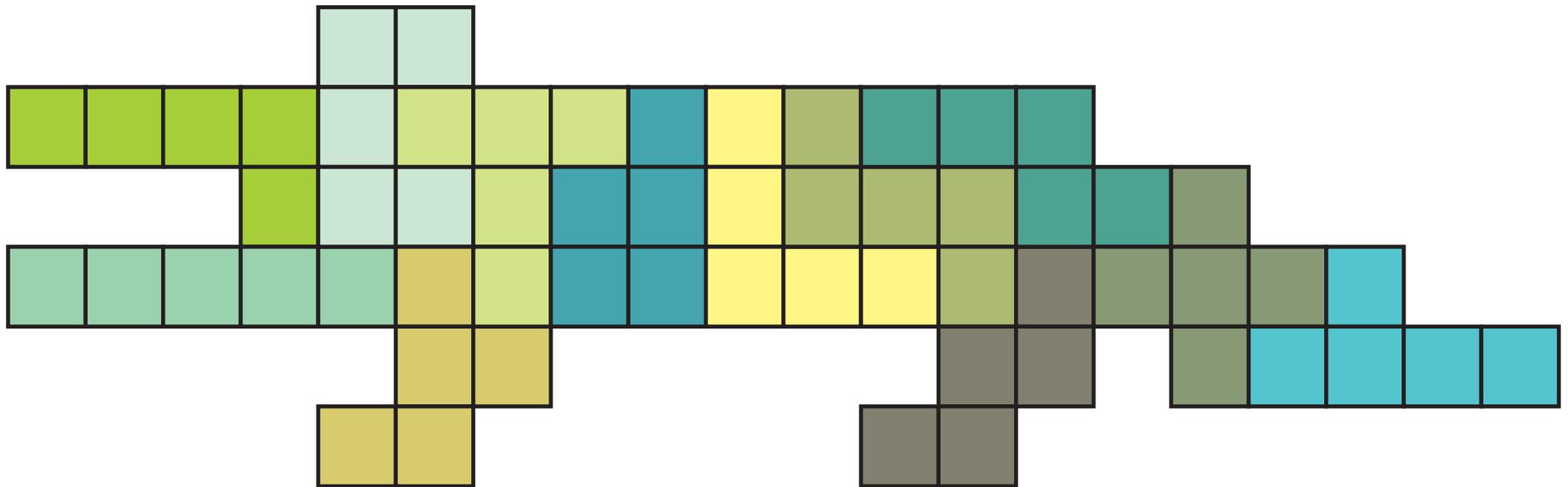
Pentomino 6 Figuren



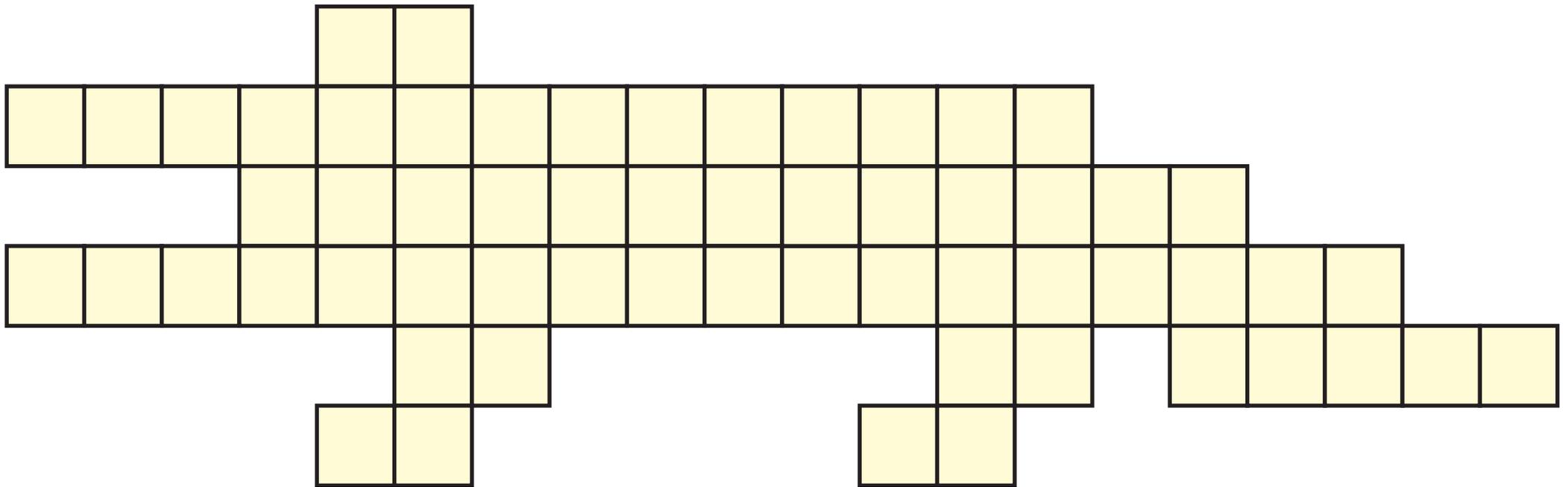
Pentomino 6 Figuren ohne Gitter



Pentomino 7 Lösung



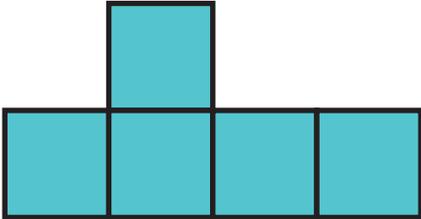
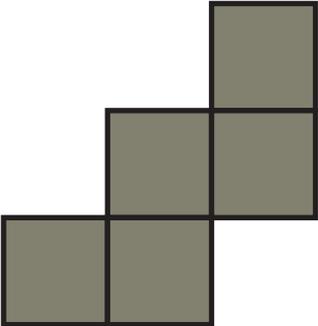
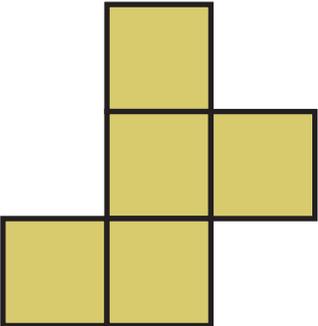
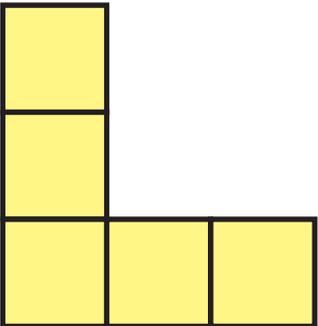
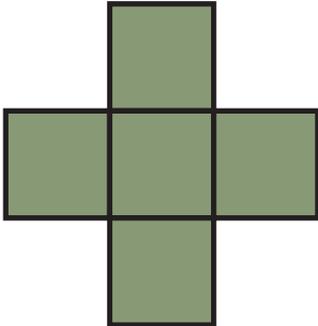
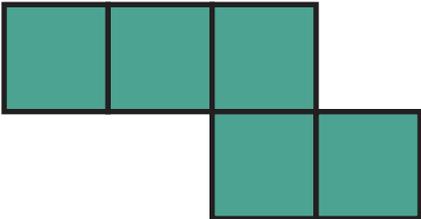
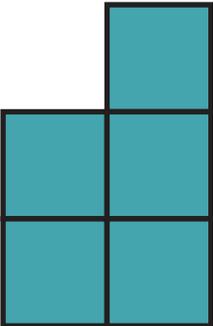
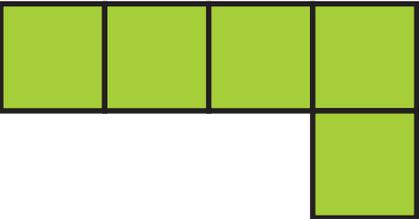
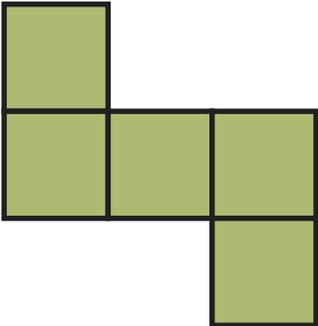
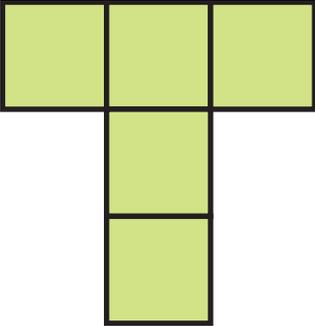
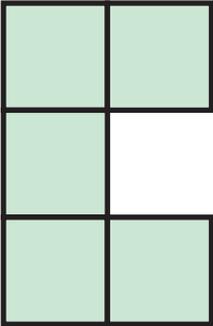
Pentomino 7 Vorlage 1



Pentomino 7 Vorlage 2



Pentomino 7 Figuren



Pentomino 7 Figuren ohne Gitter

