



LE
pack
D'OUTILS
CYCLE 3

EN COLLABORATION AVEC @MAITRESSE.GE



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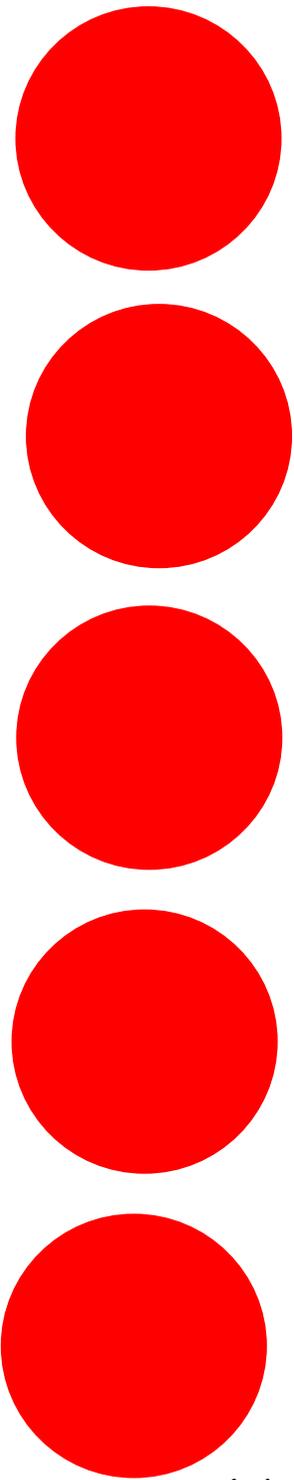
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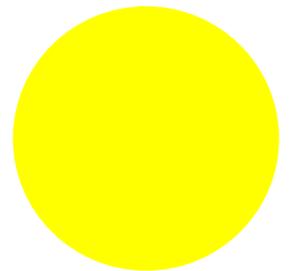
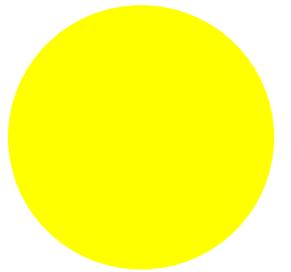
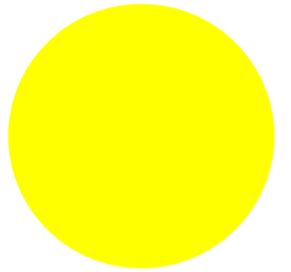
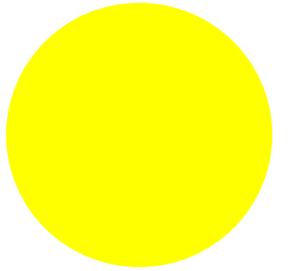
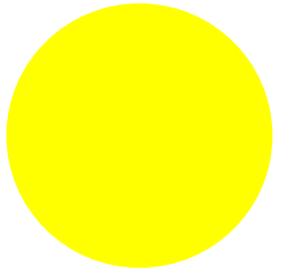
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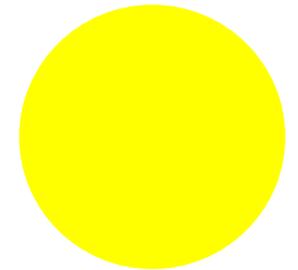
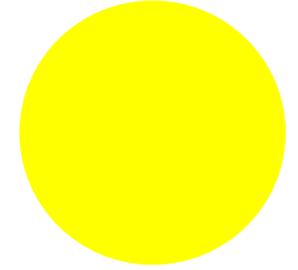
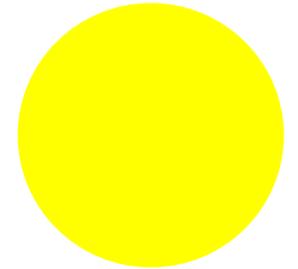
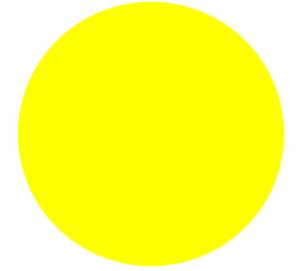
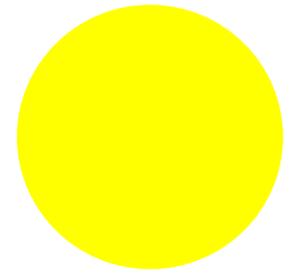


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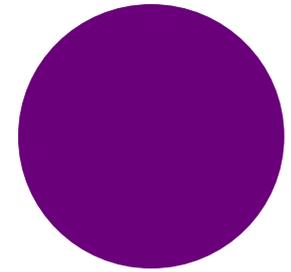
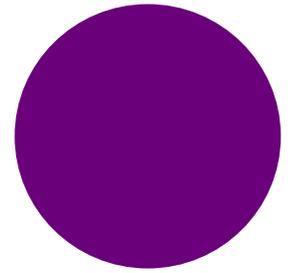


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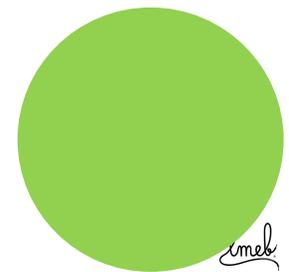
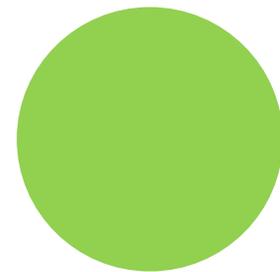
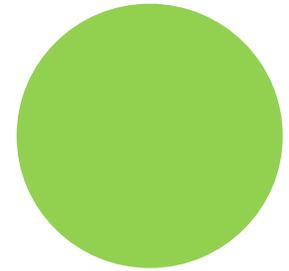
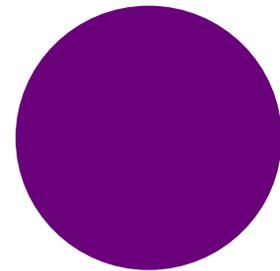
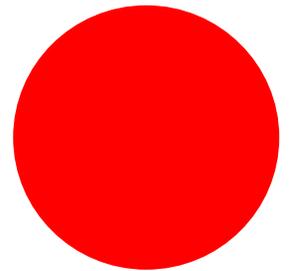
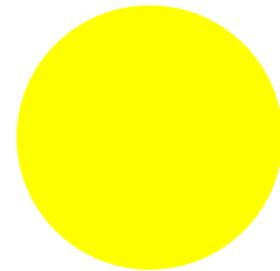
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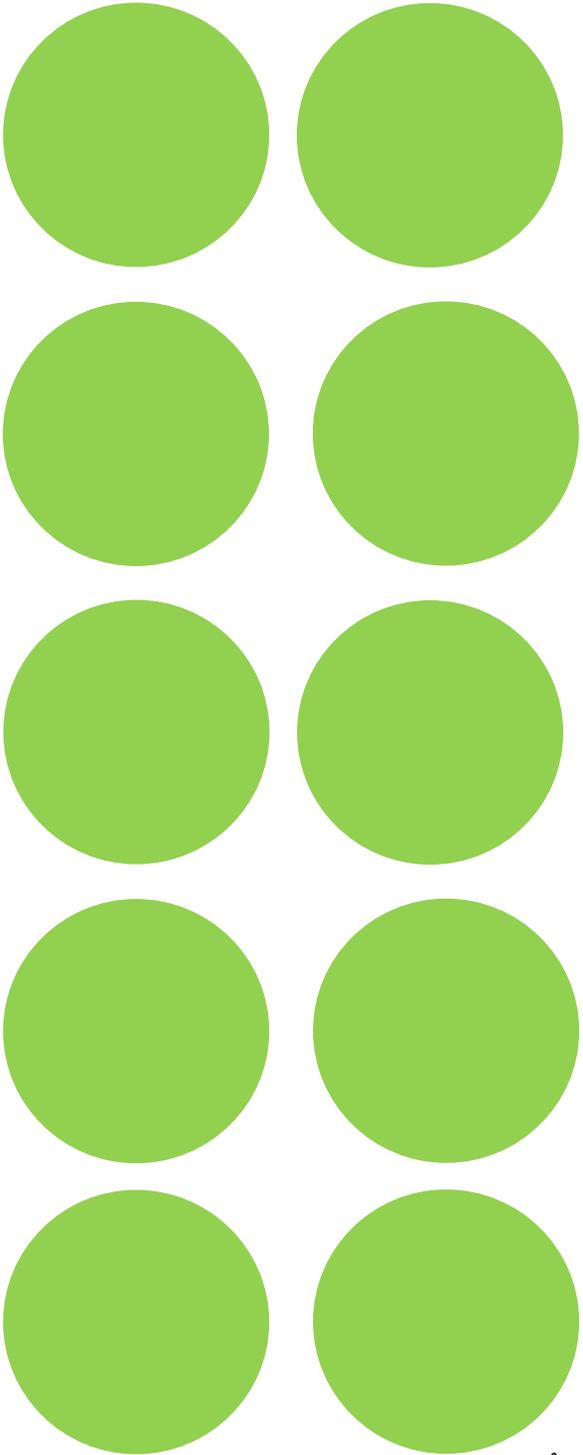
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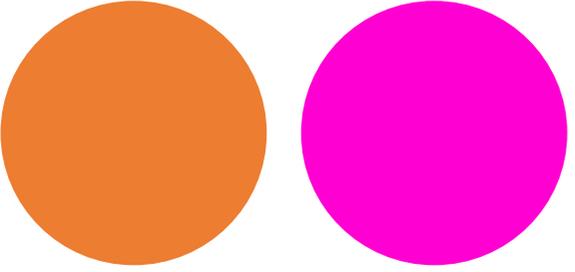
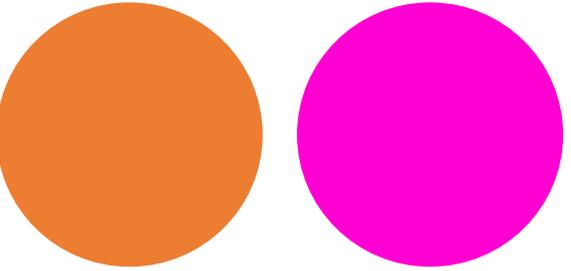
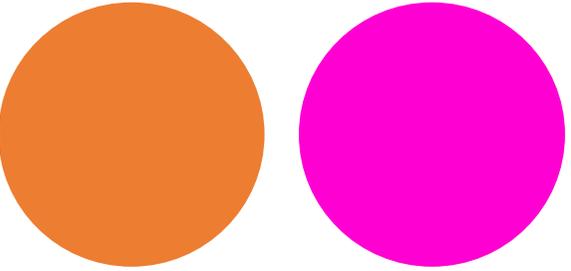
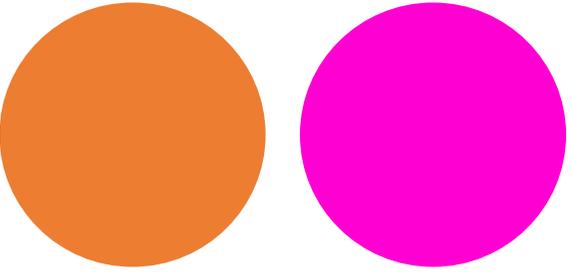
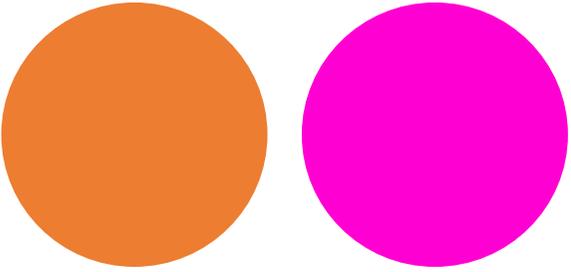


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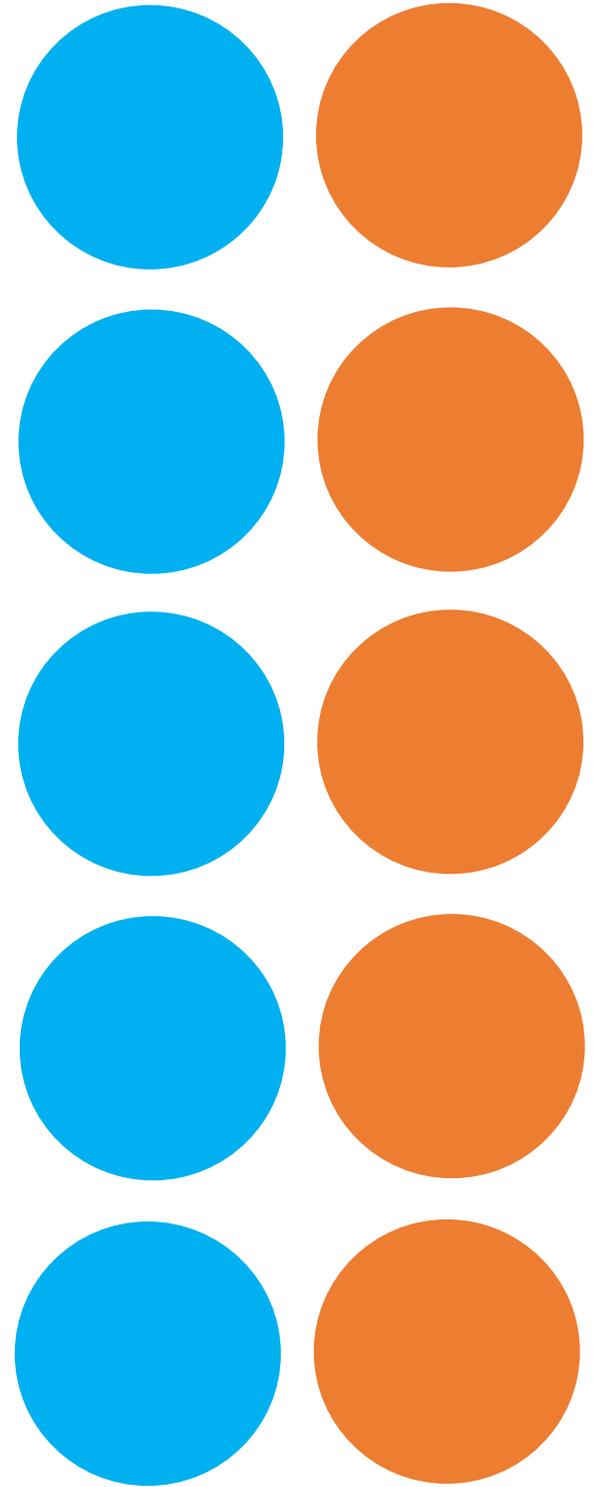


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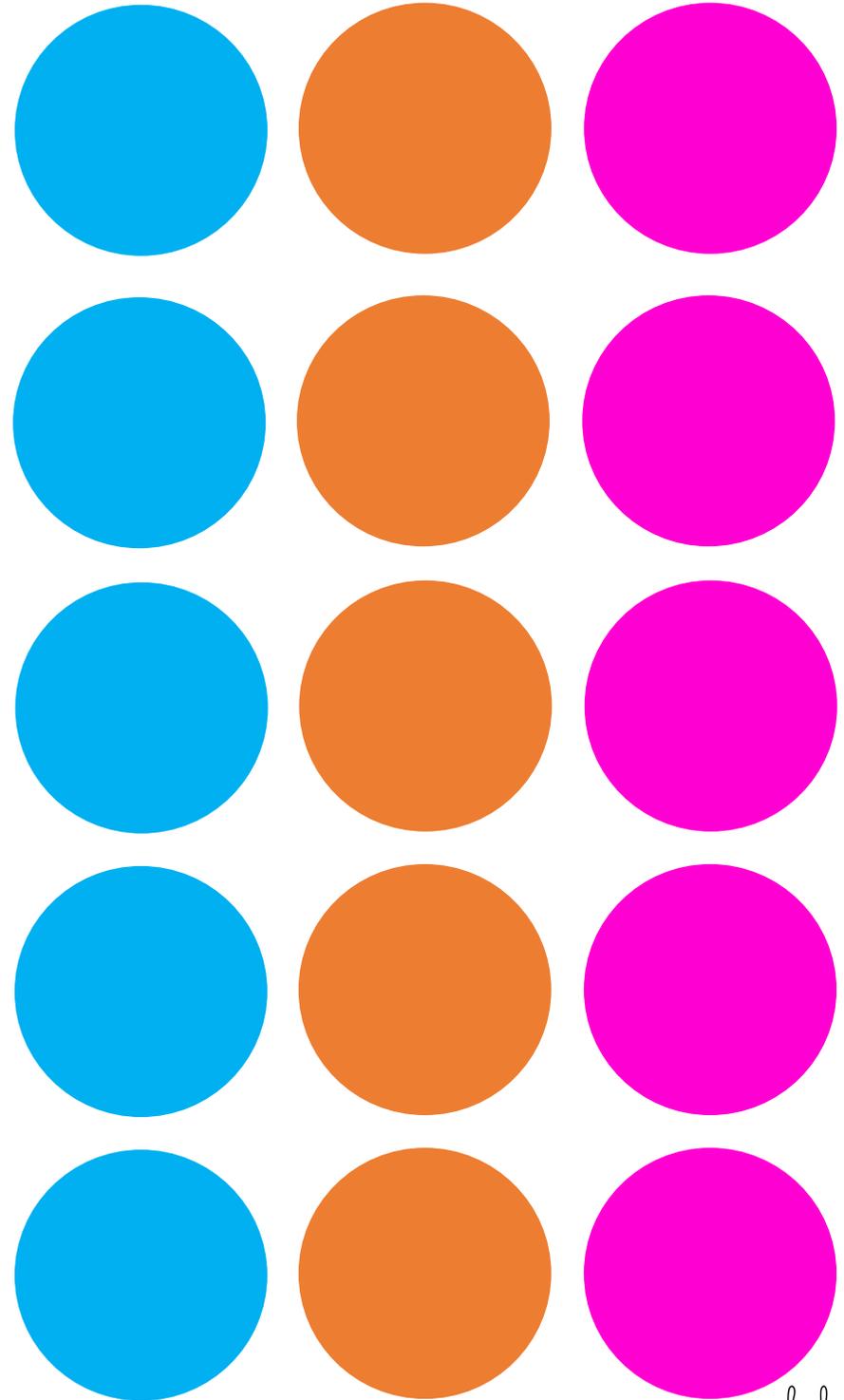
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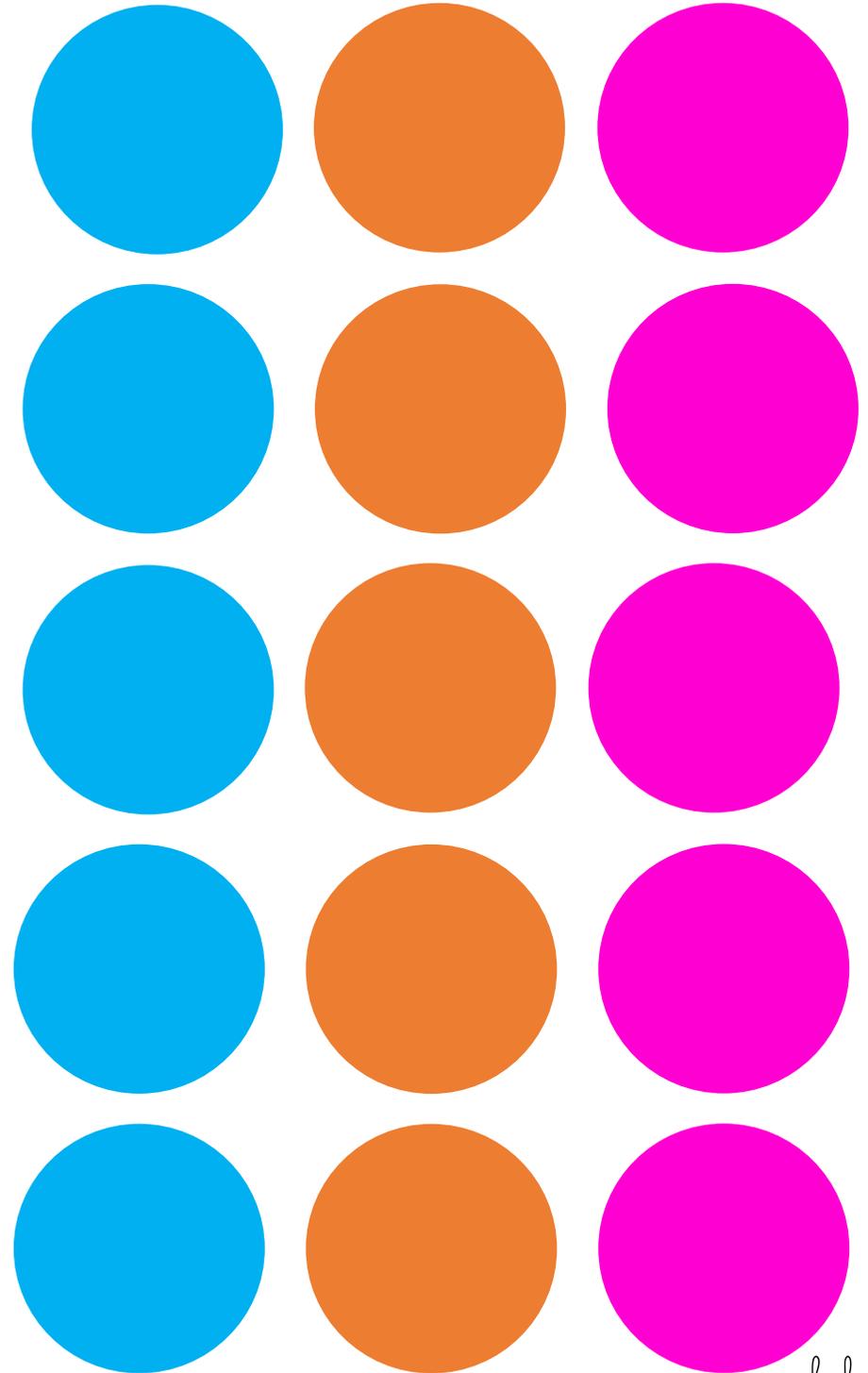
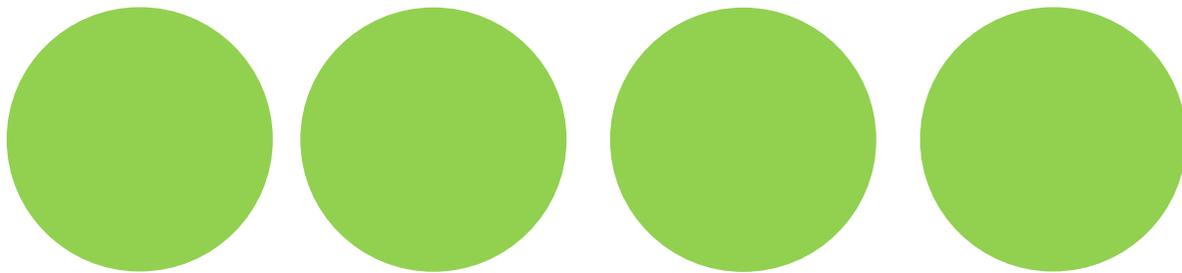
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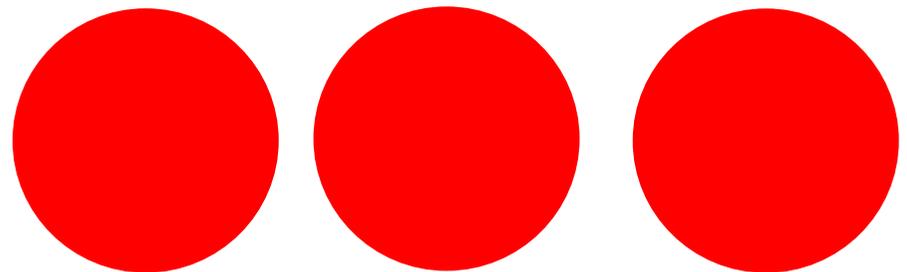
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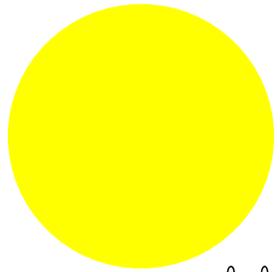
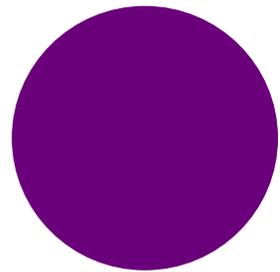
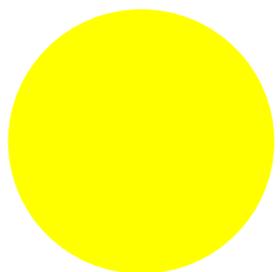
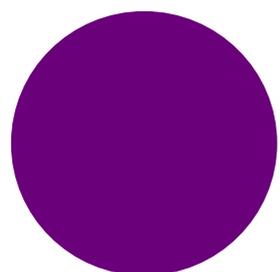
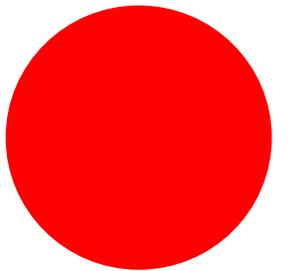
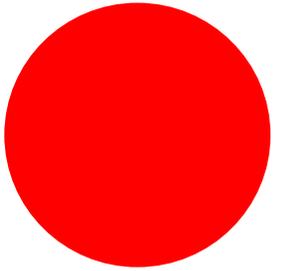
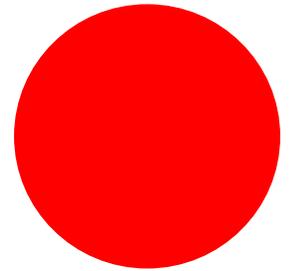
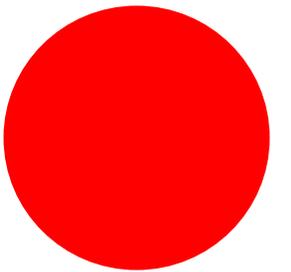
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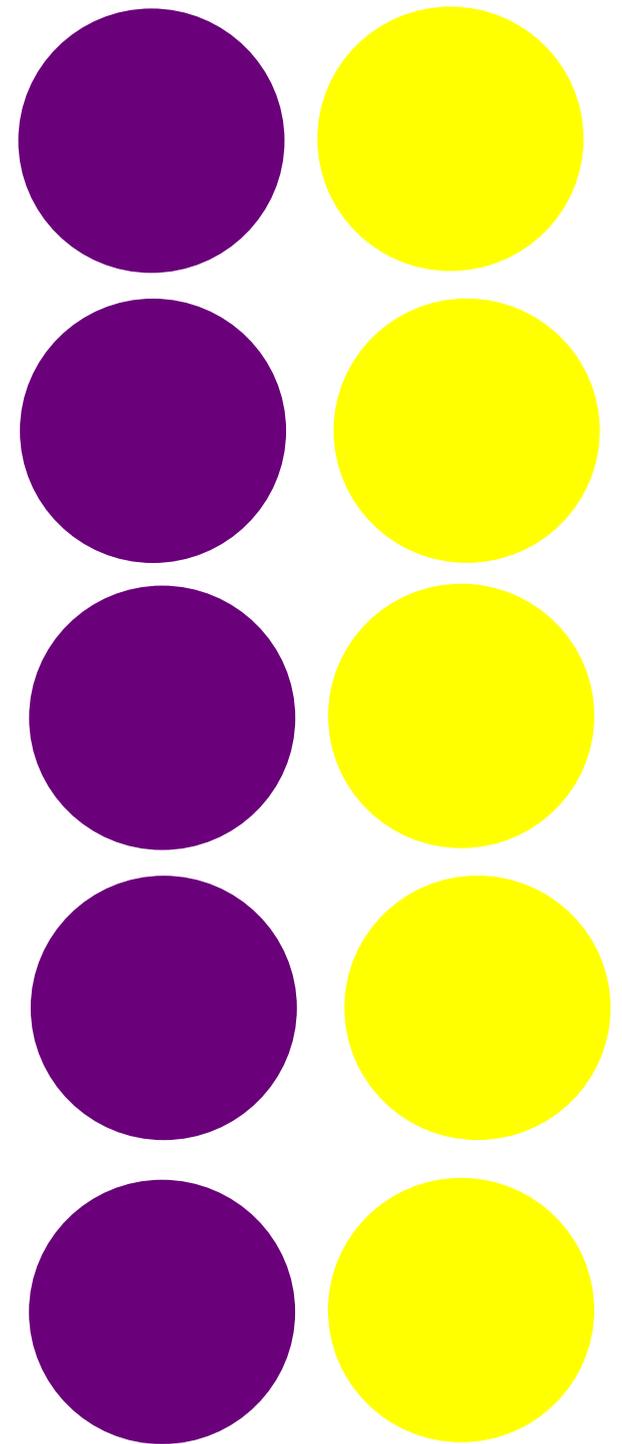
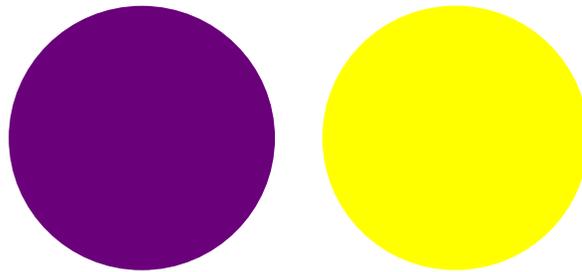
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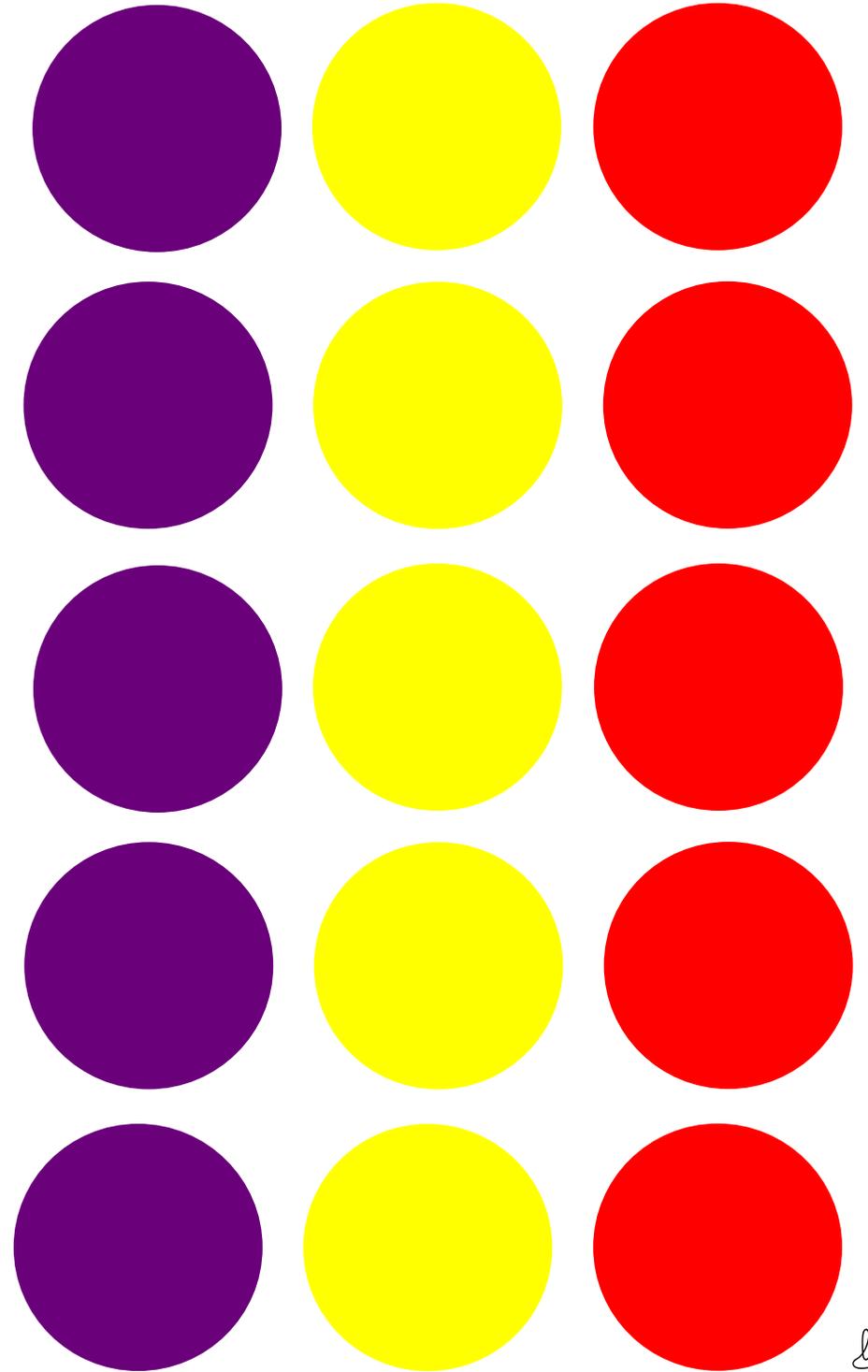
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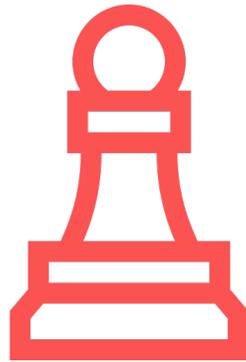
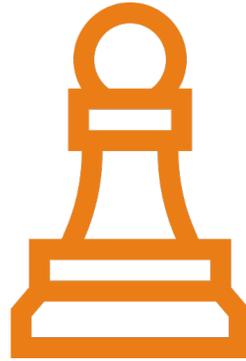
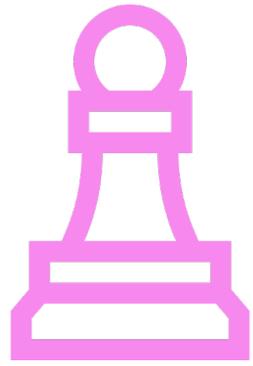
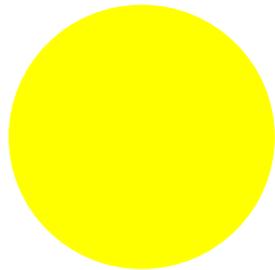
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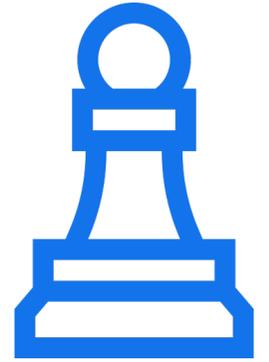
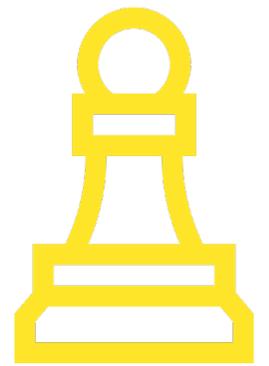
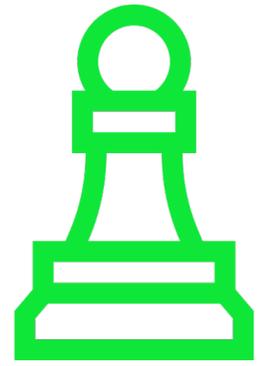
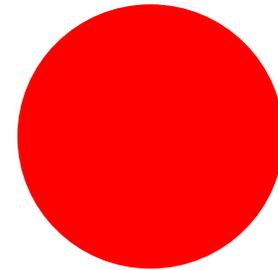
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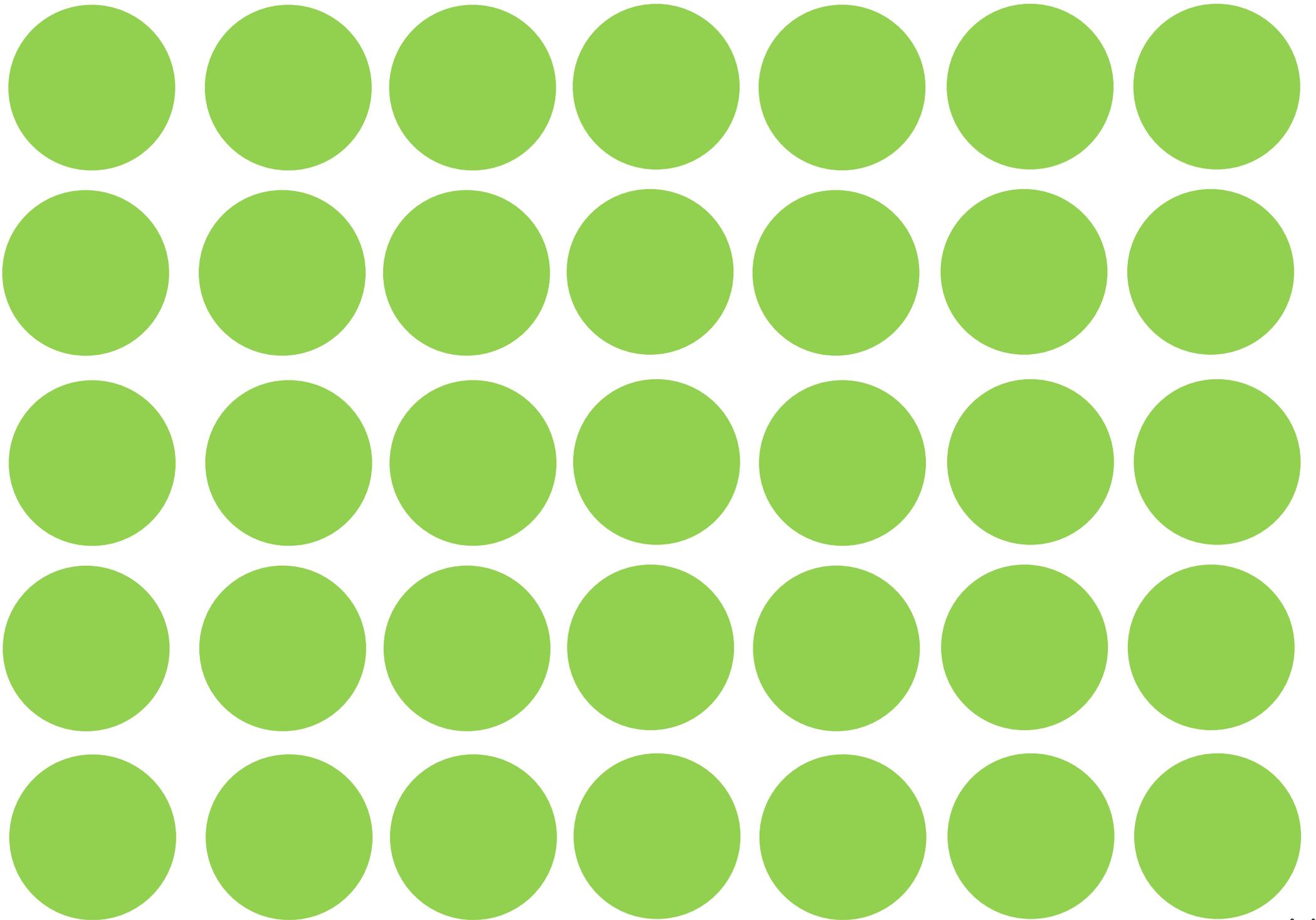


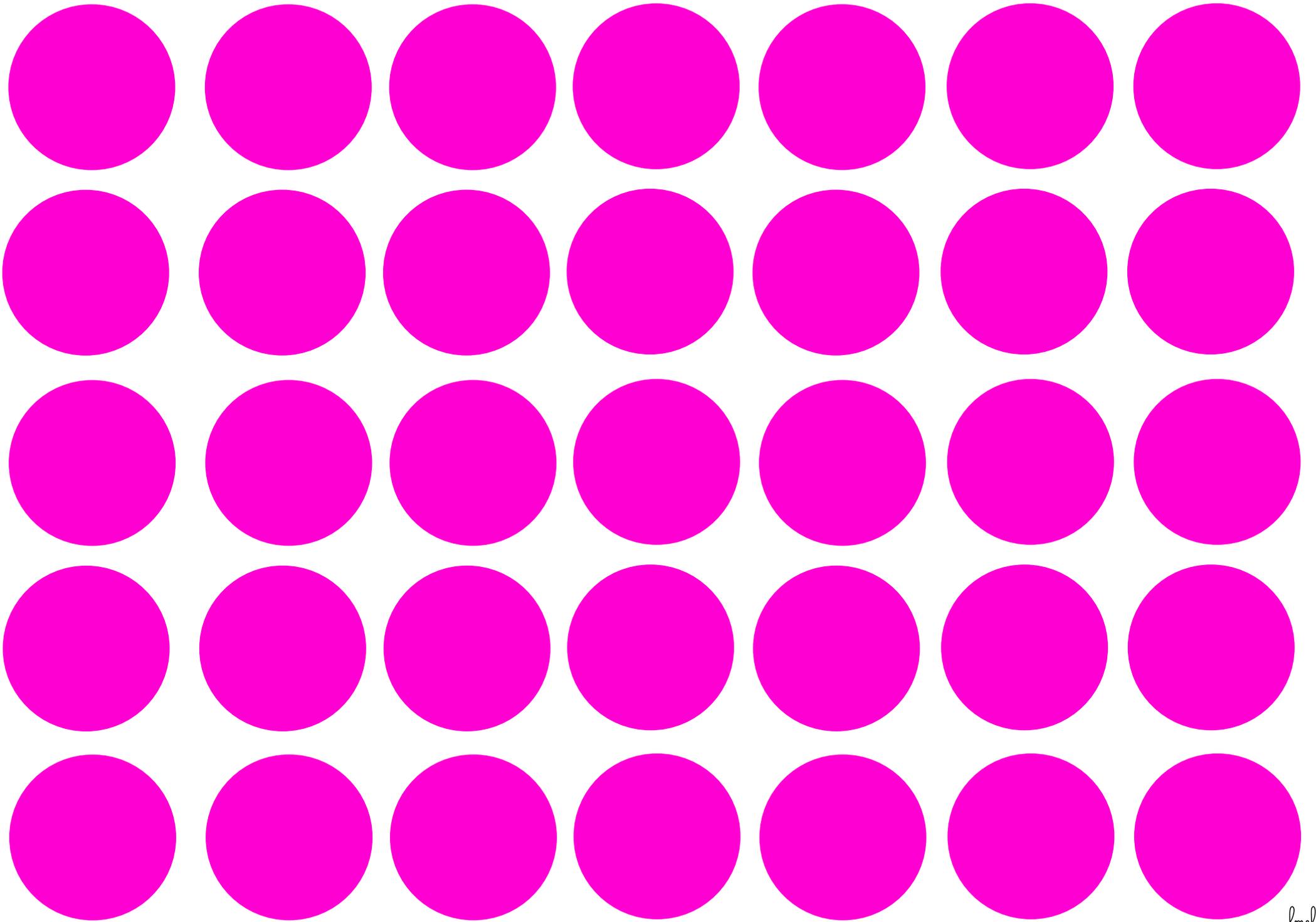
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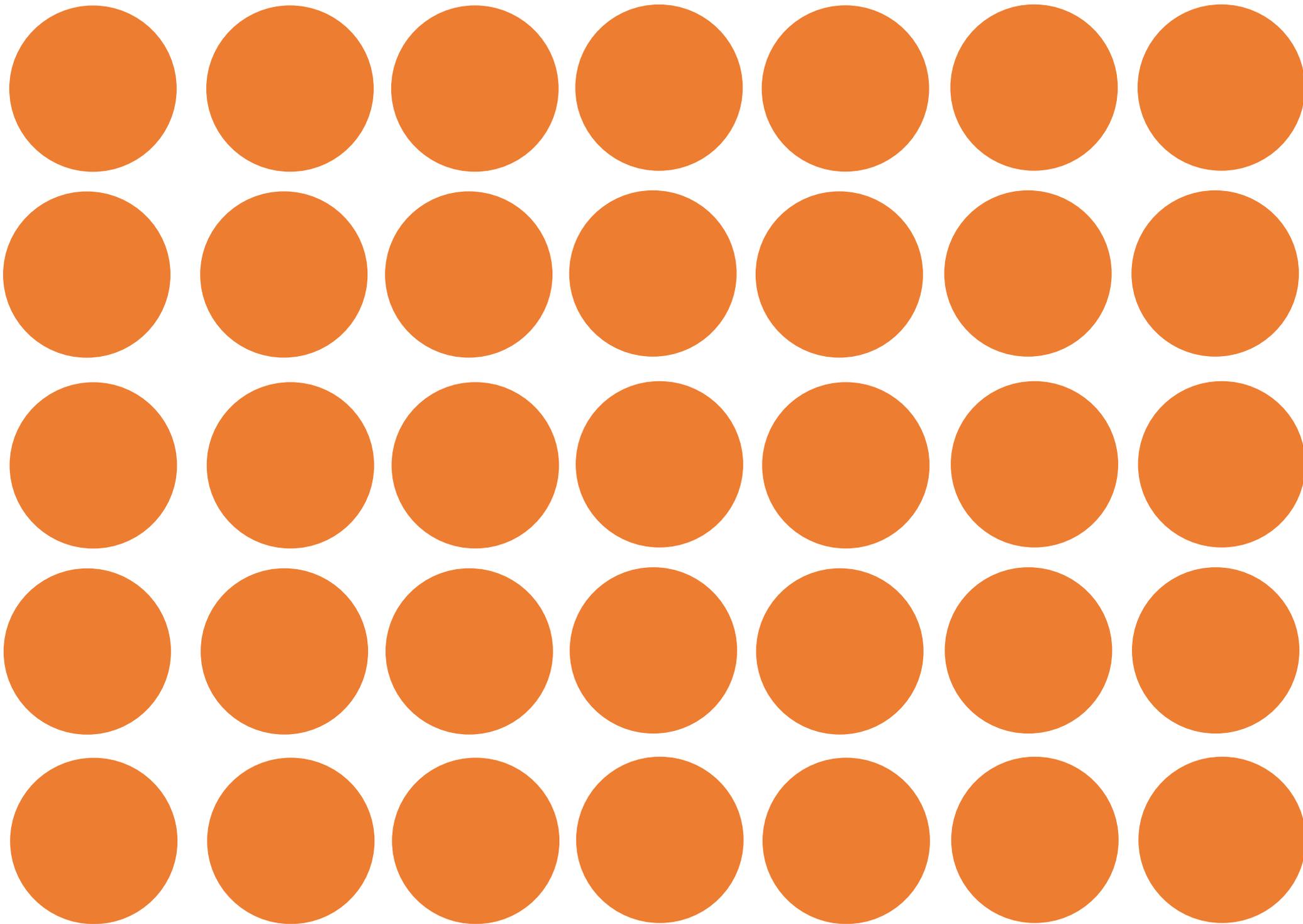


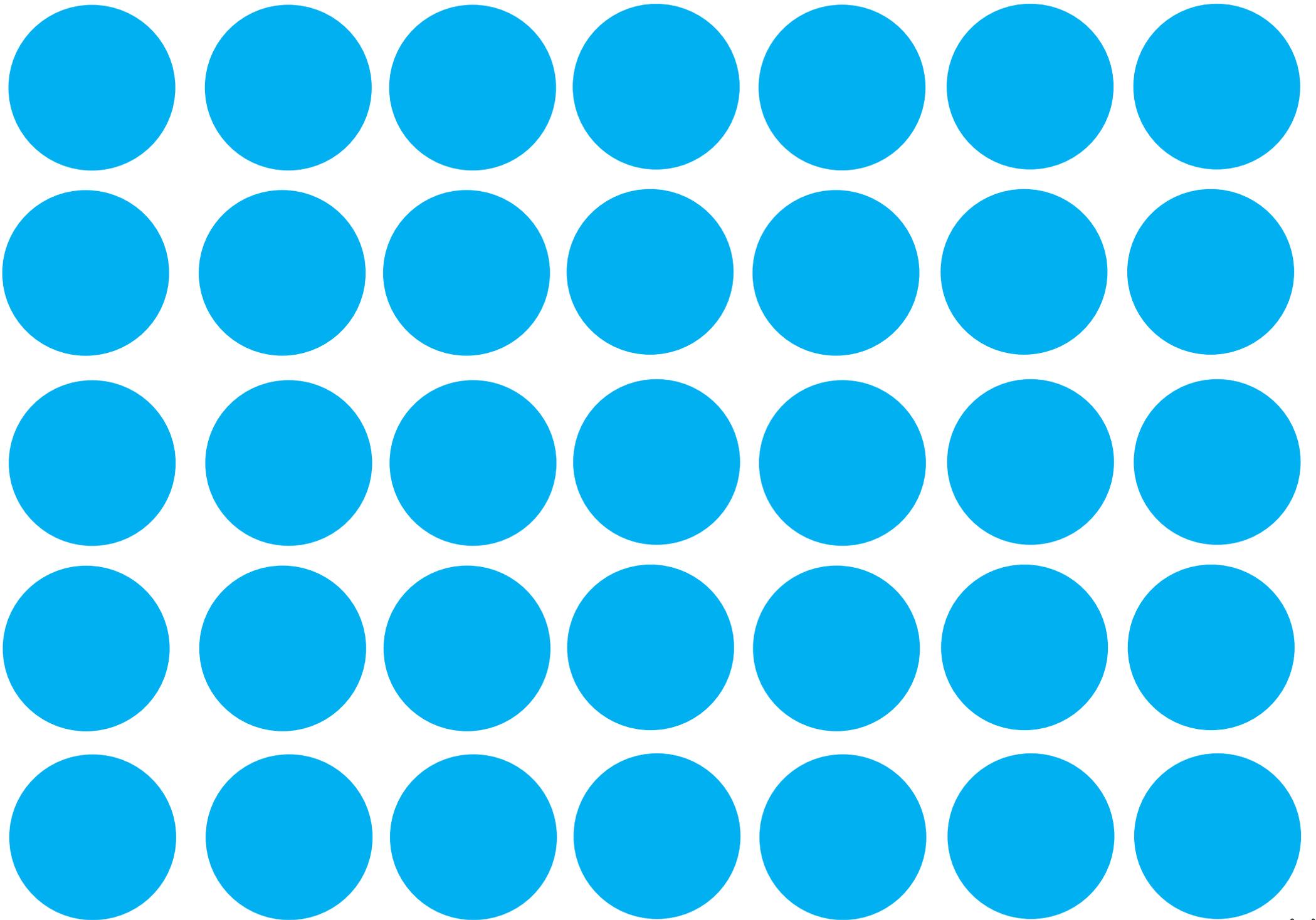
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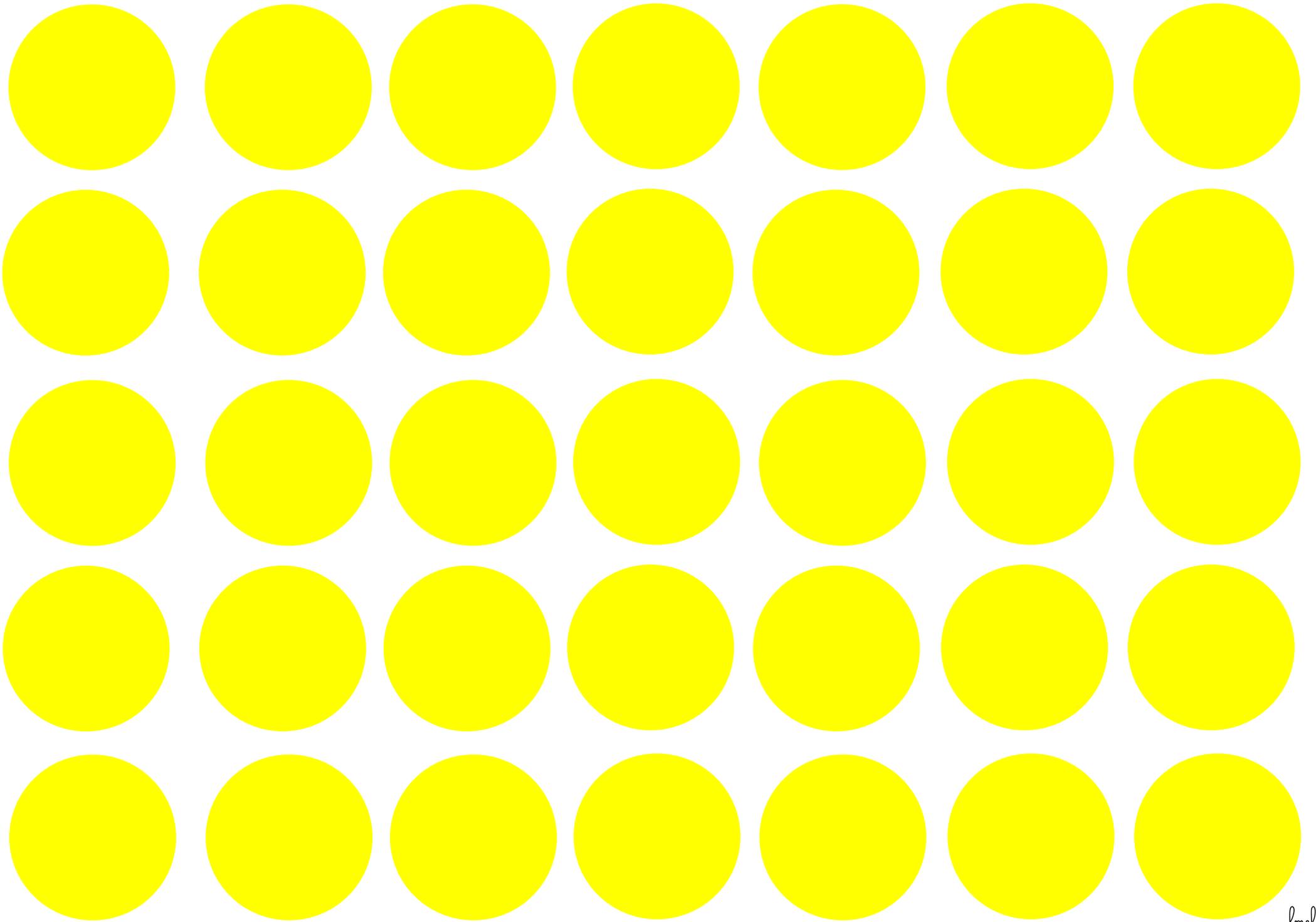


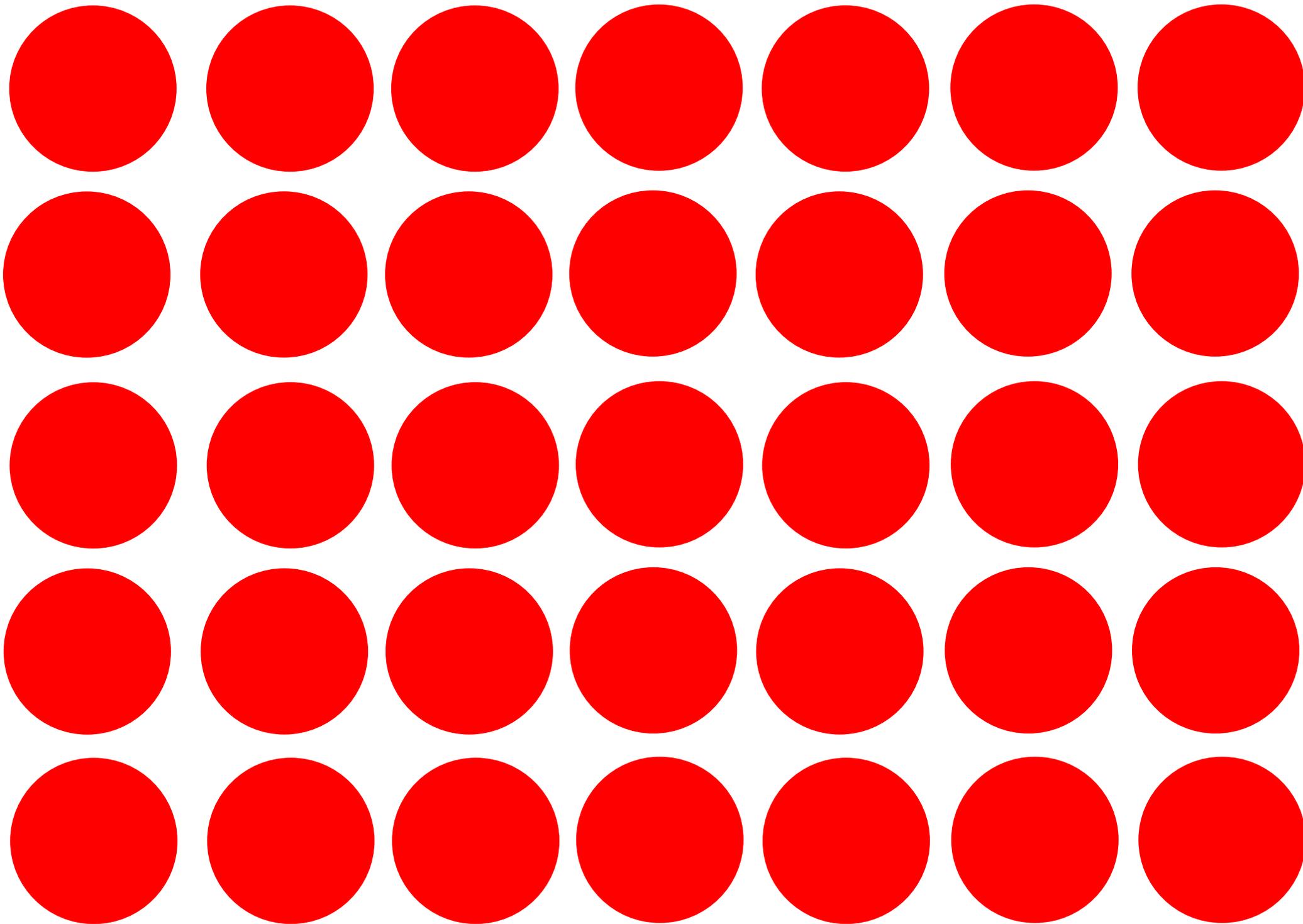


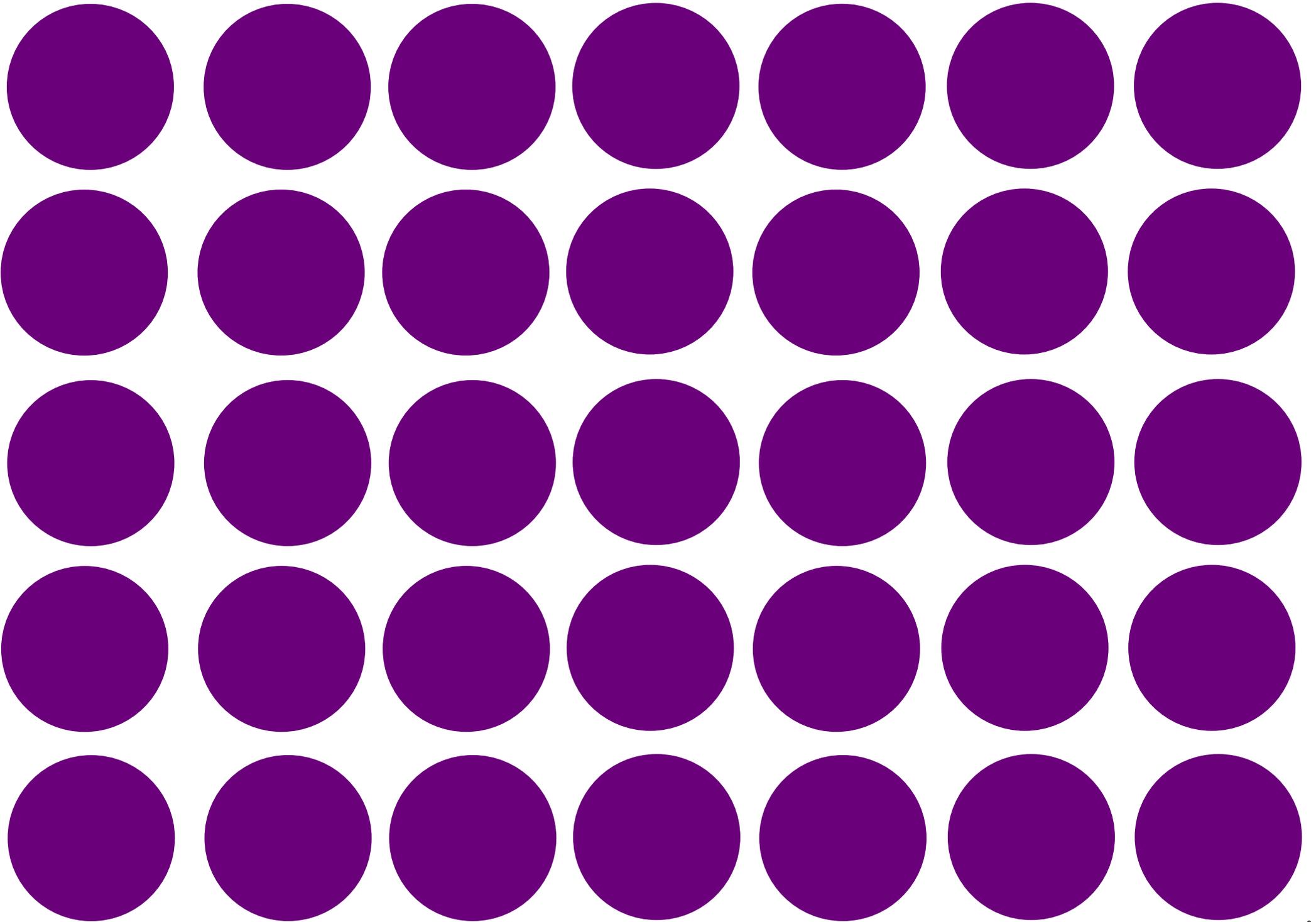


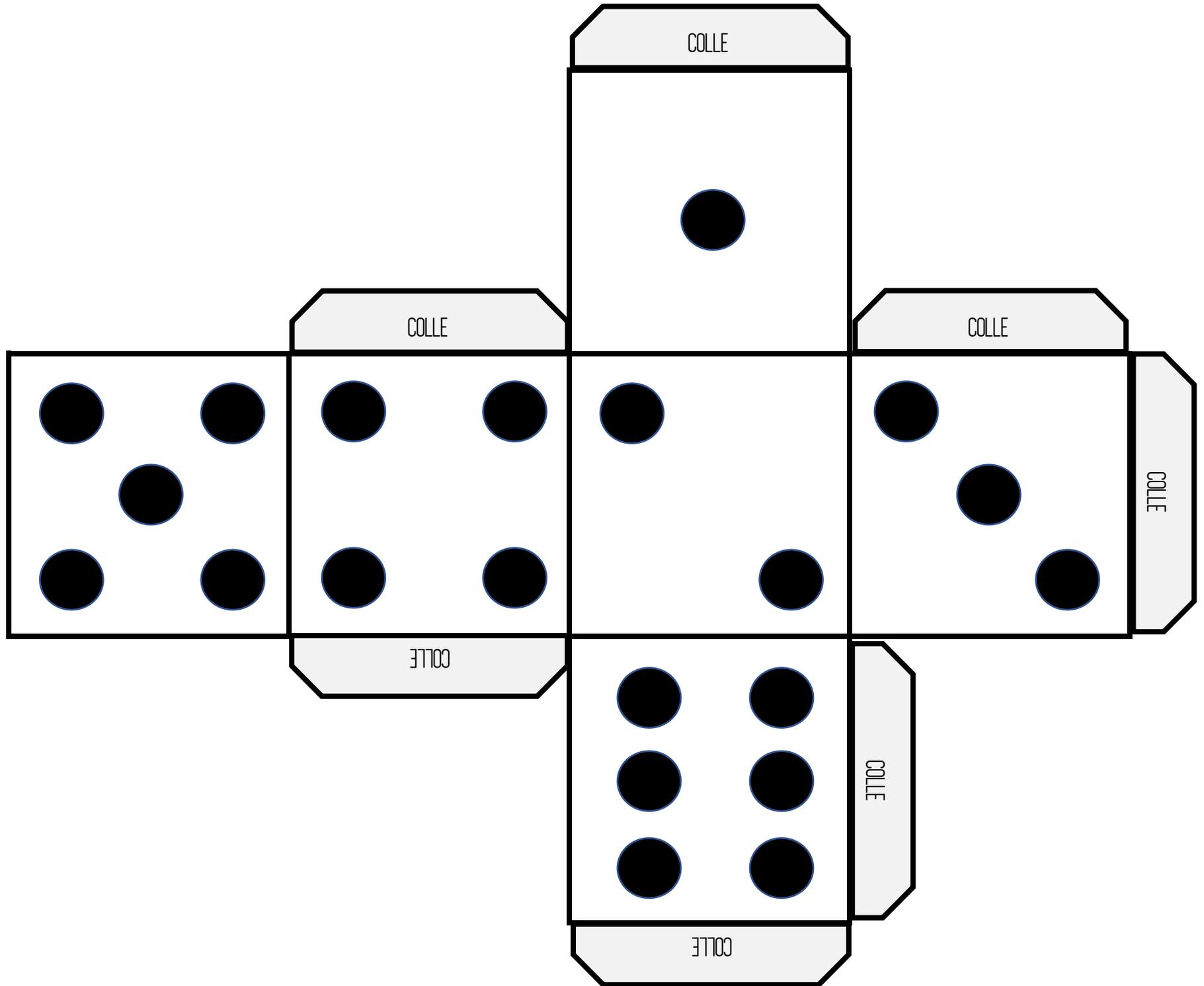


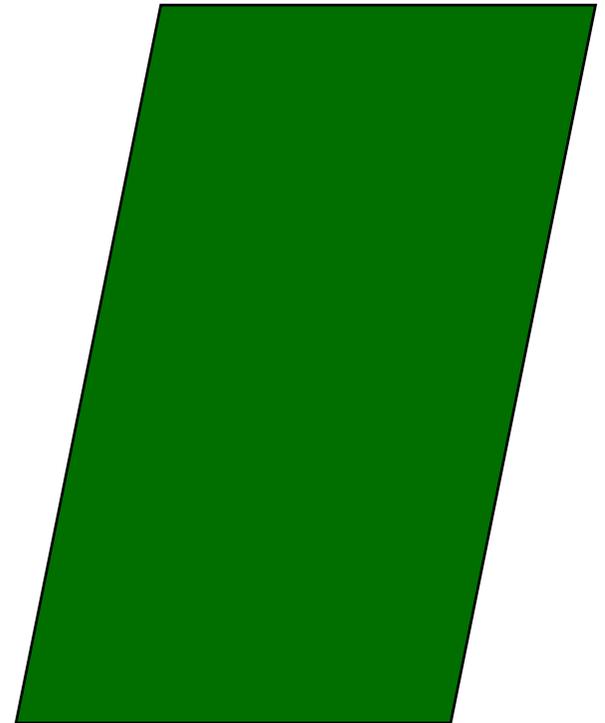
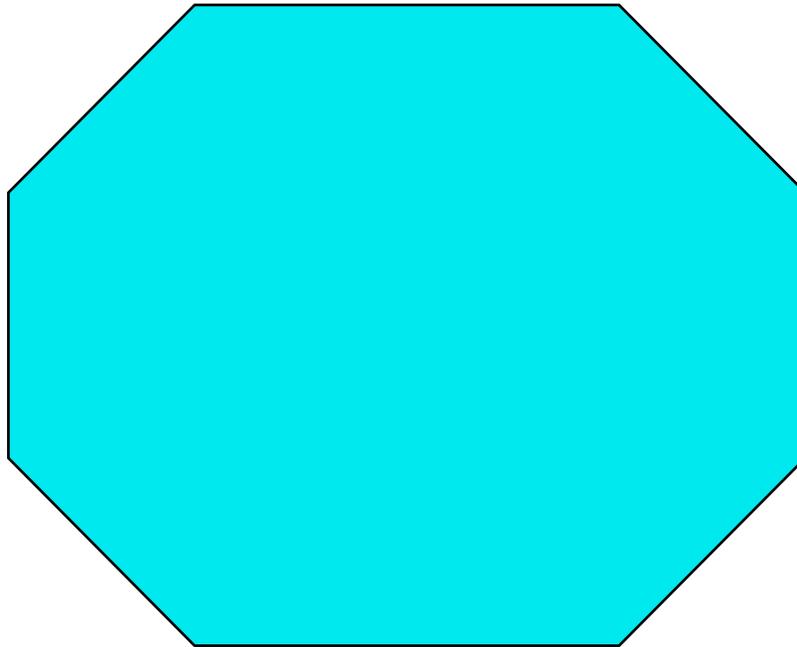
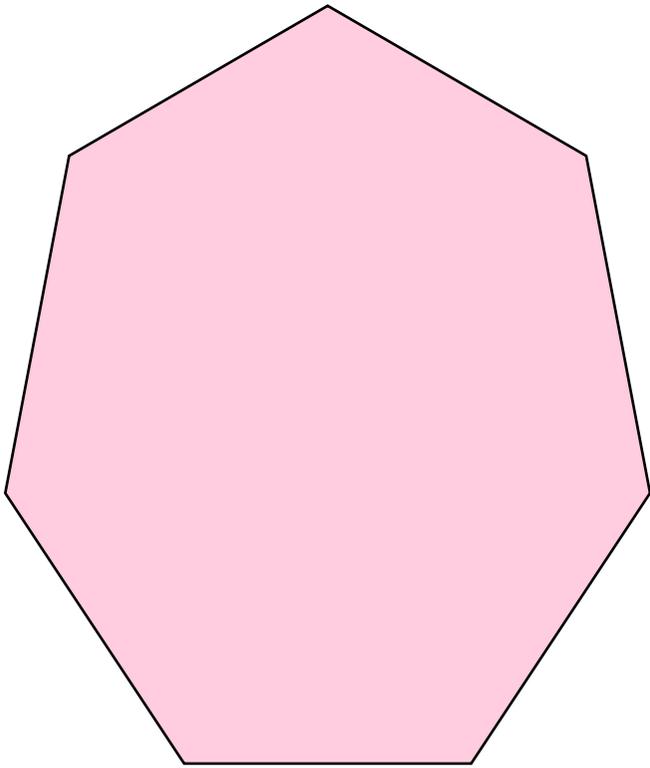
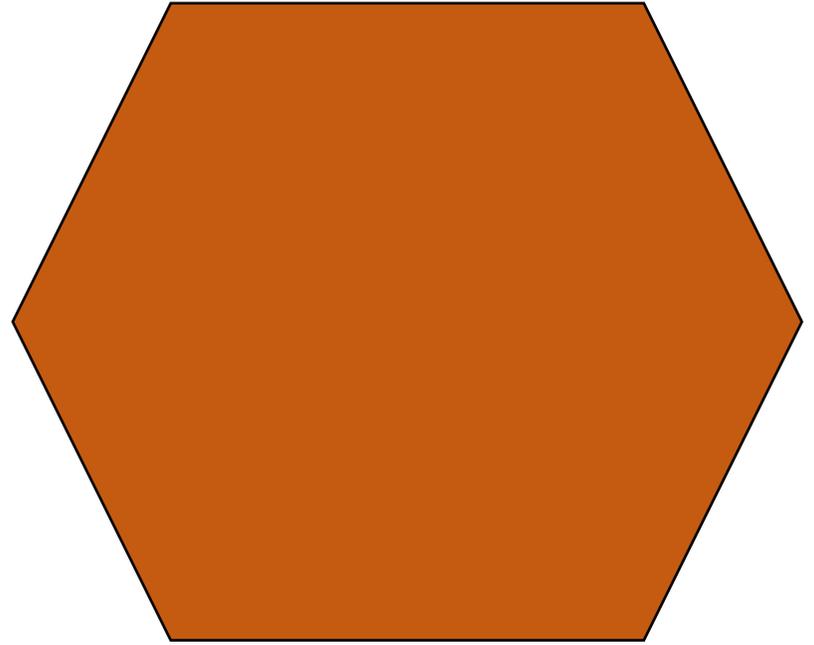
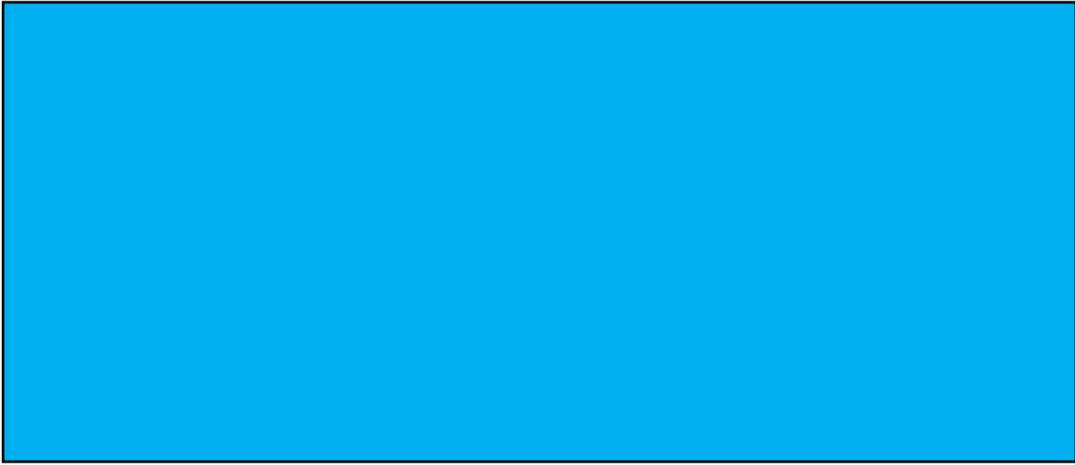


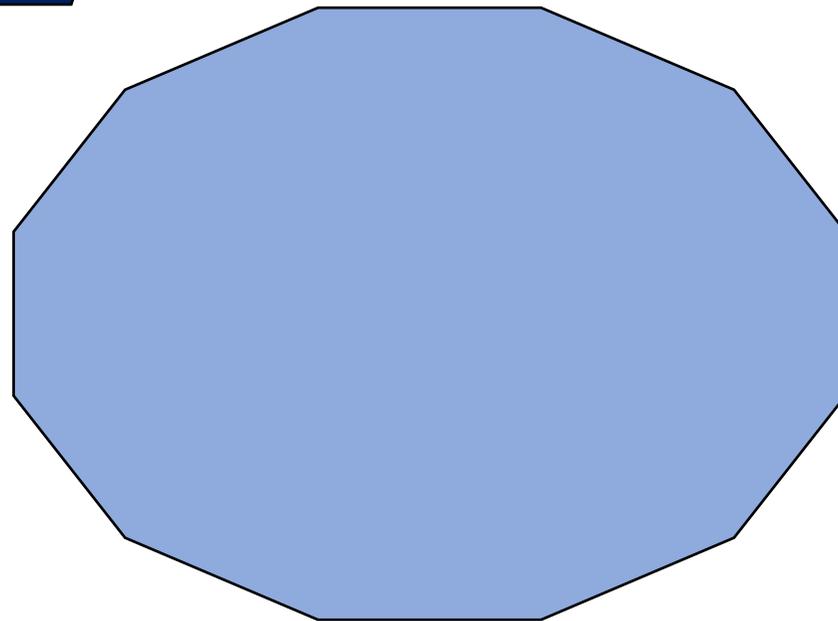
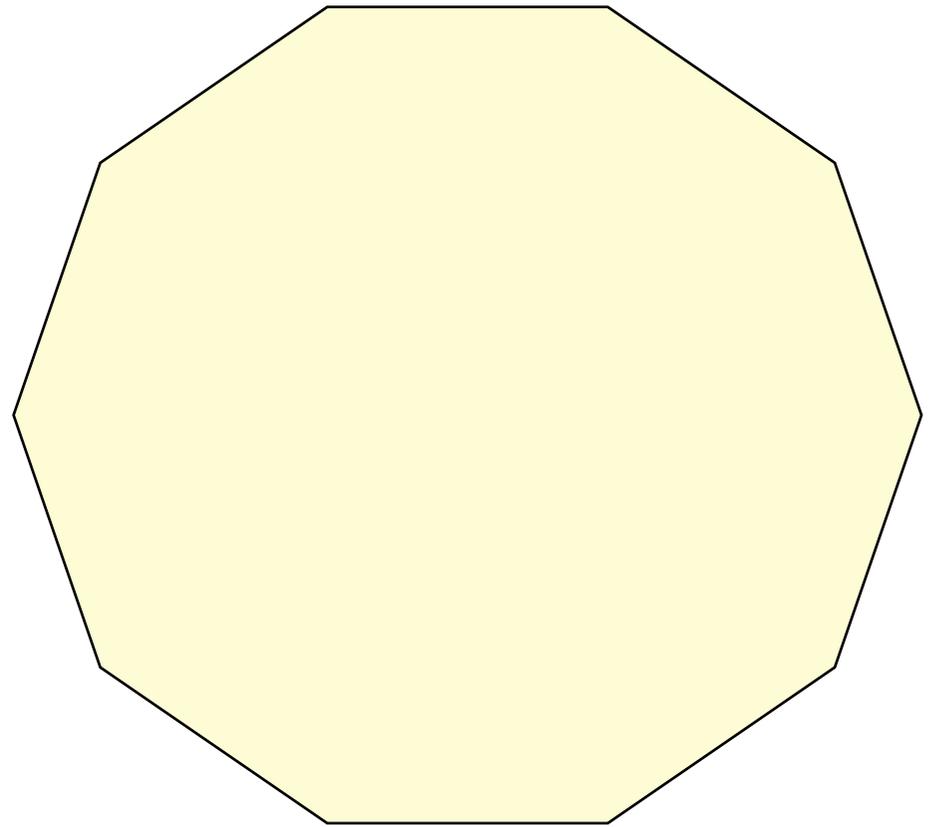
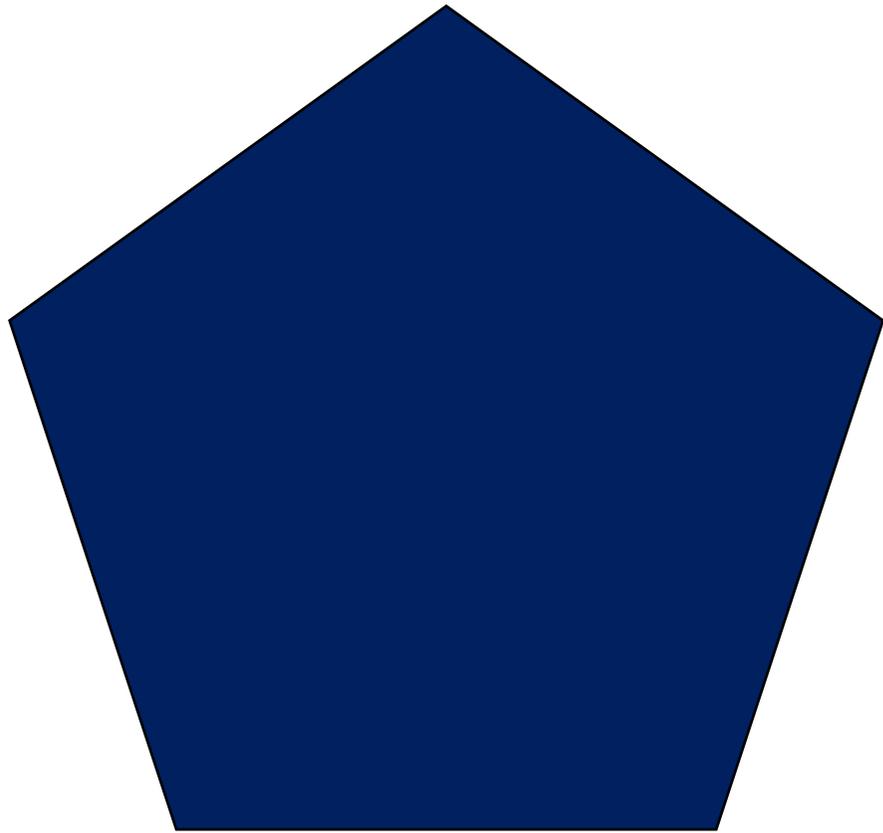


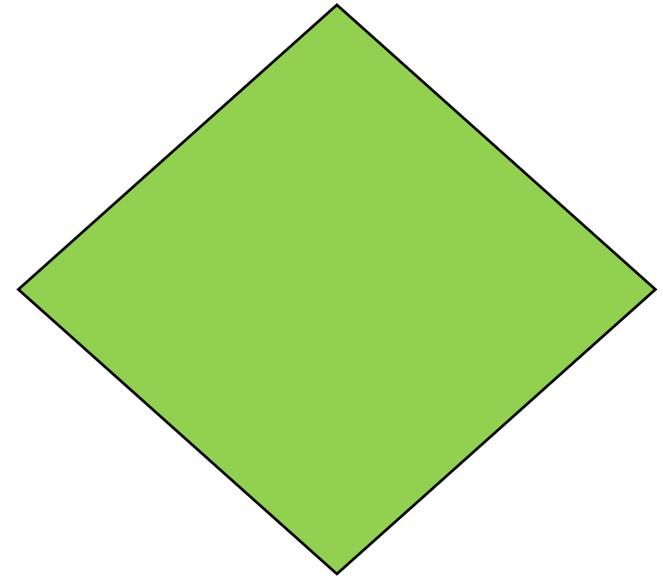
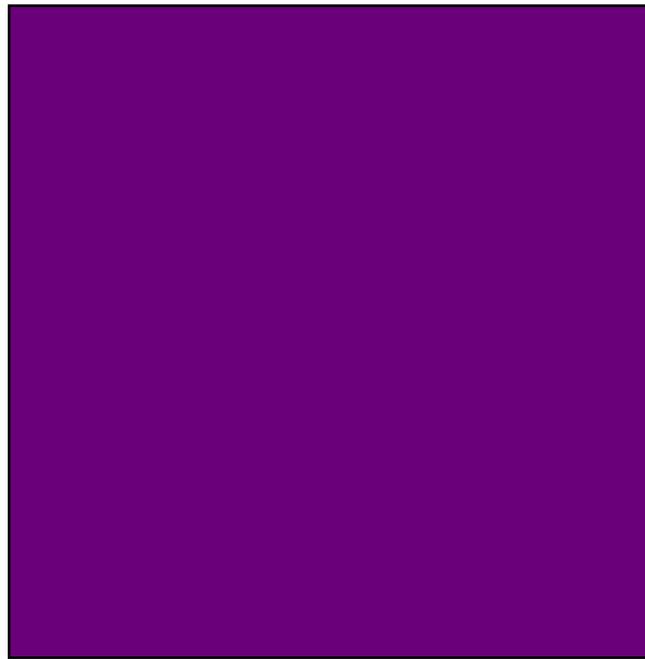
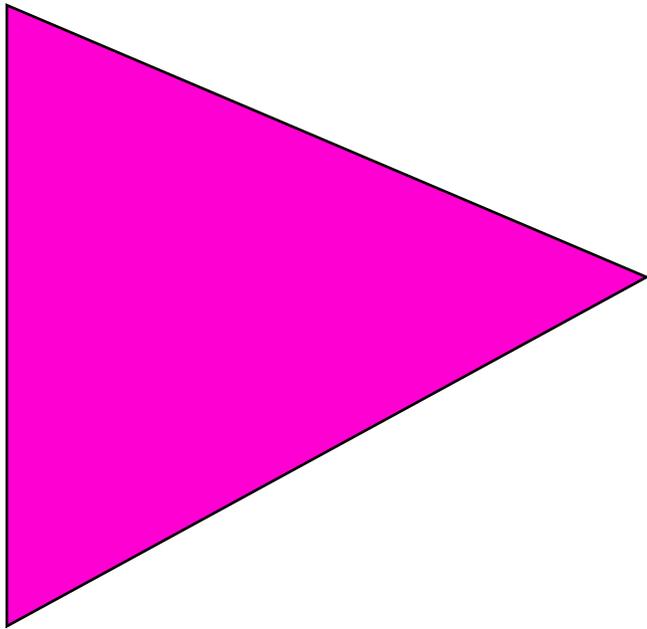
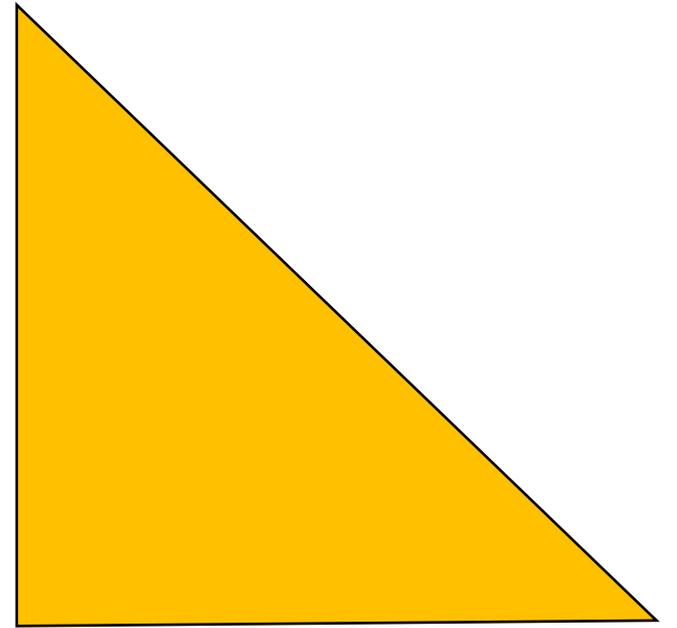
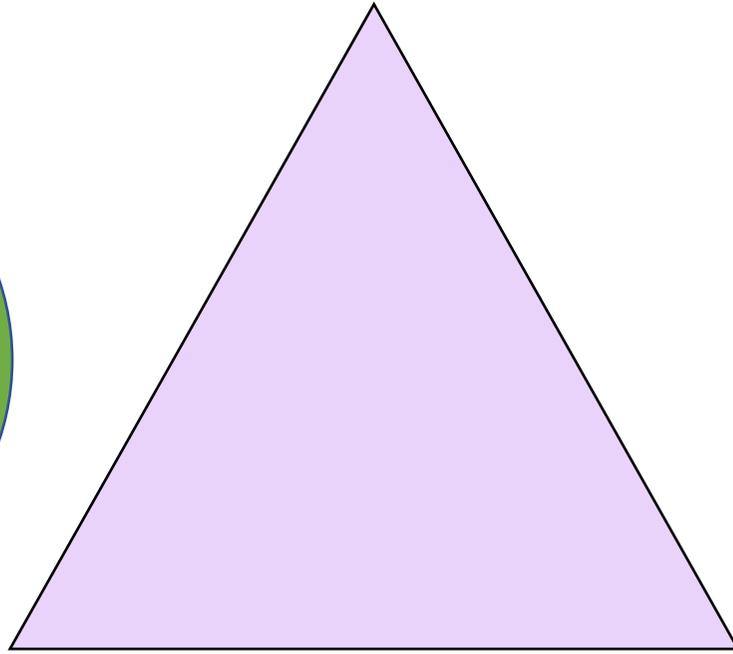
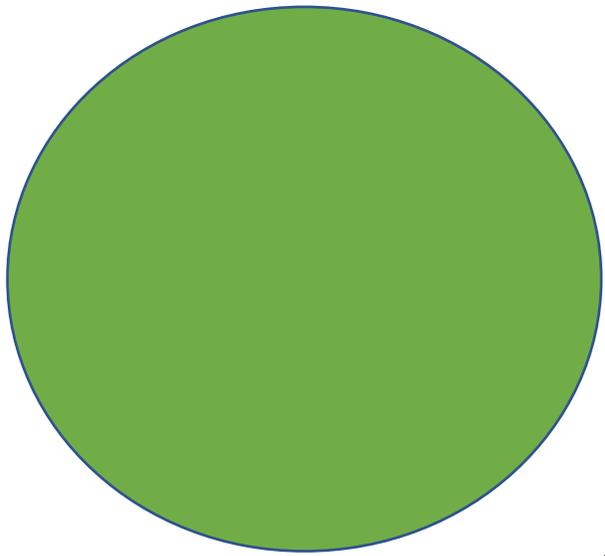


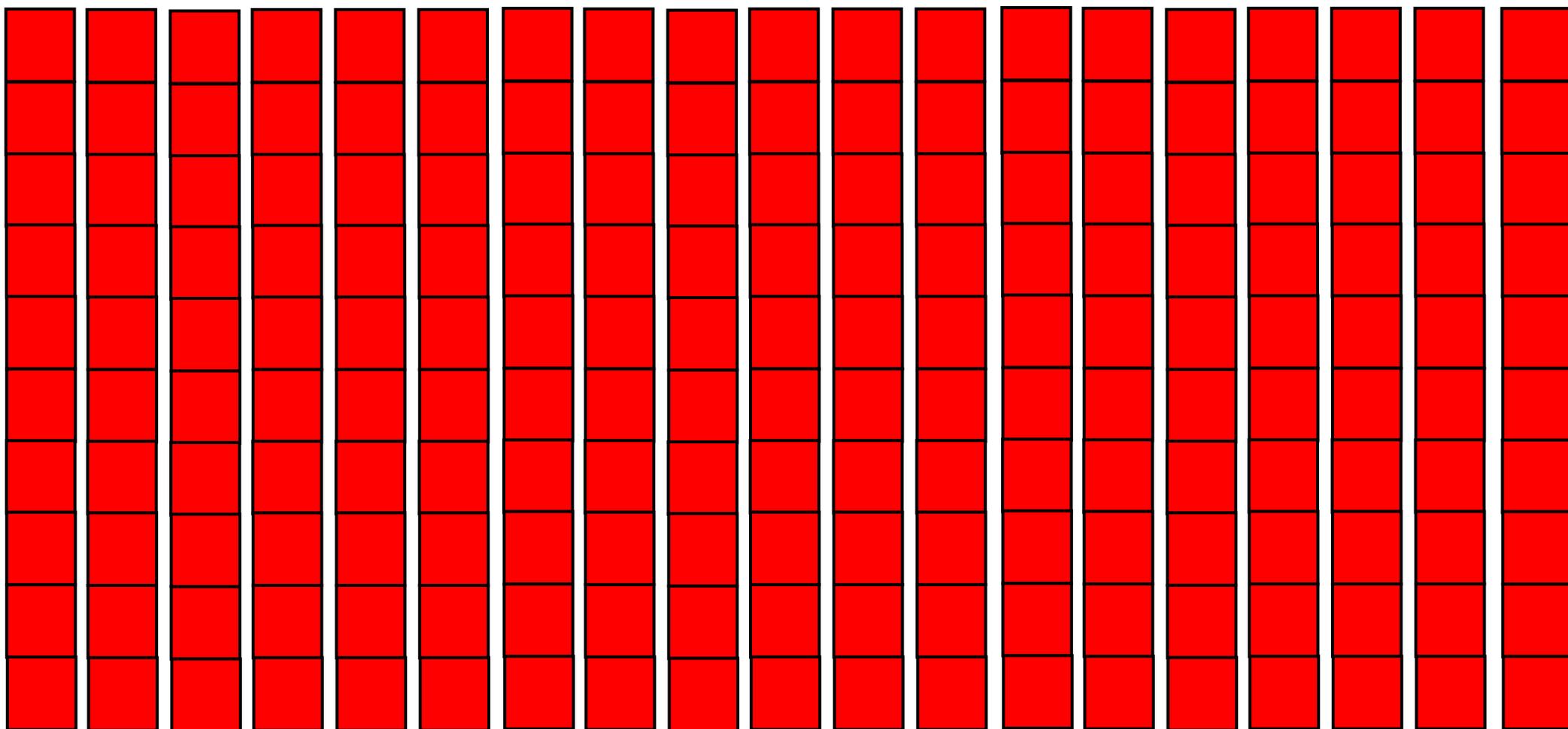
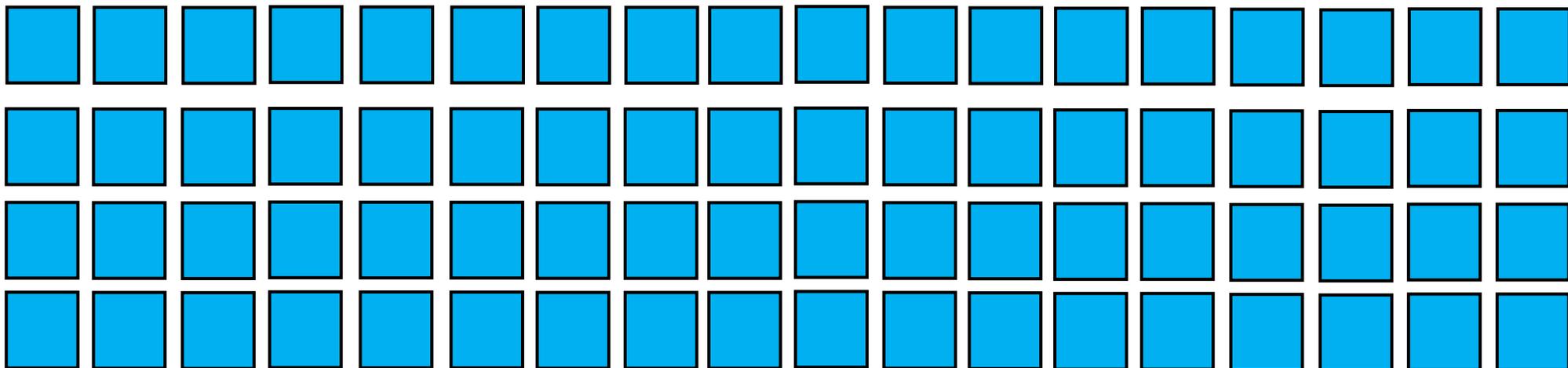


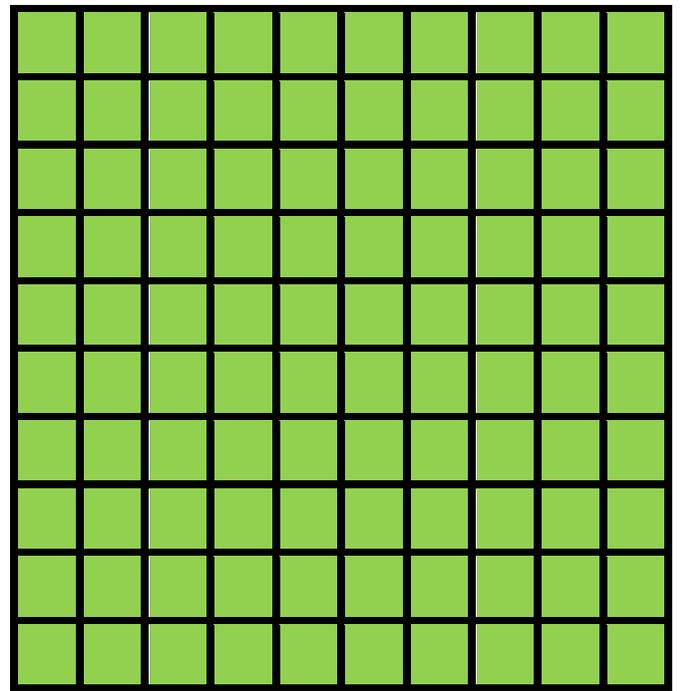
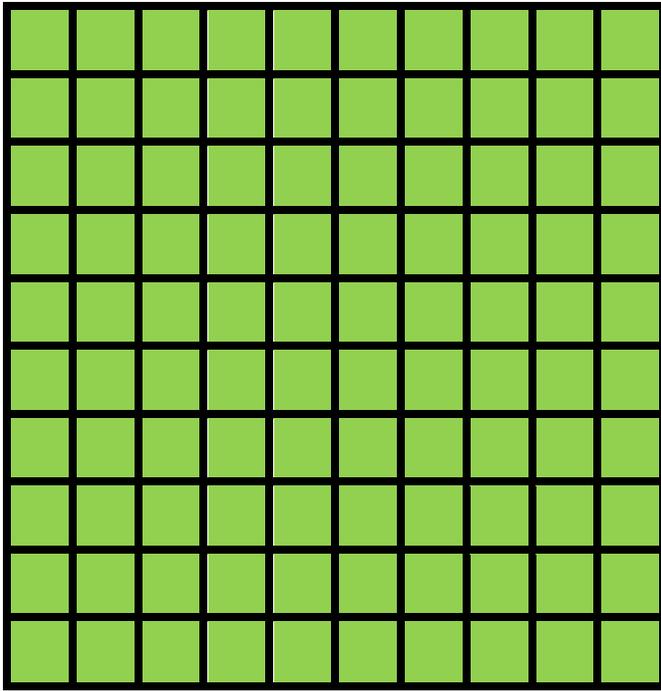
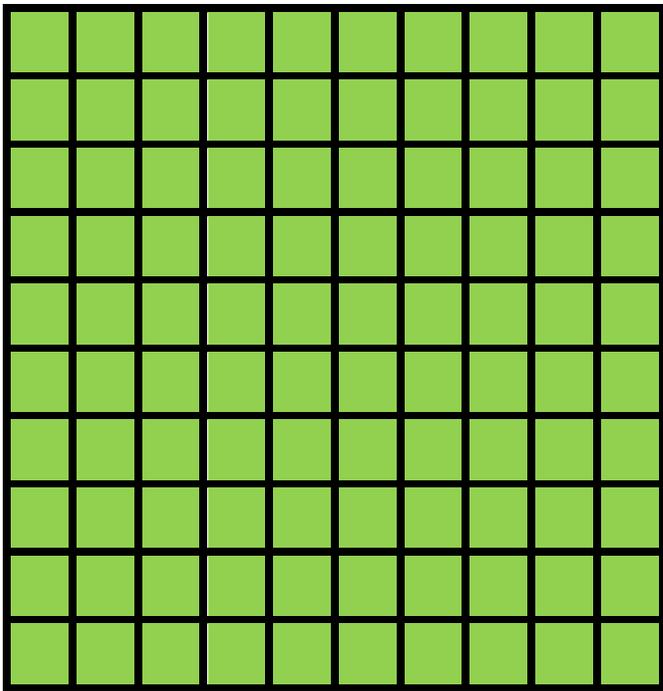
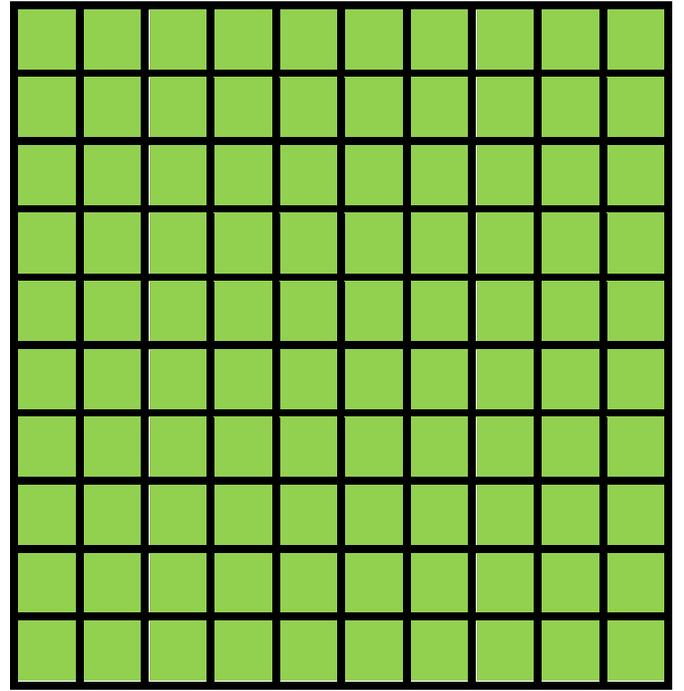
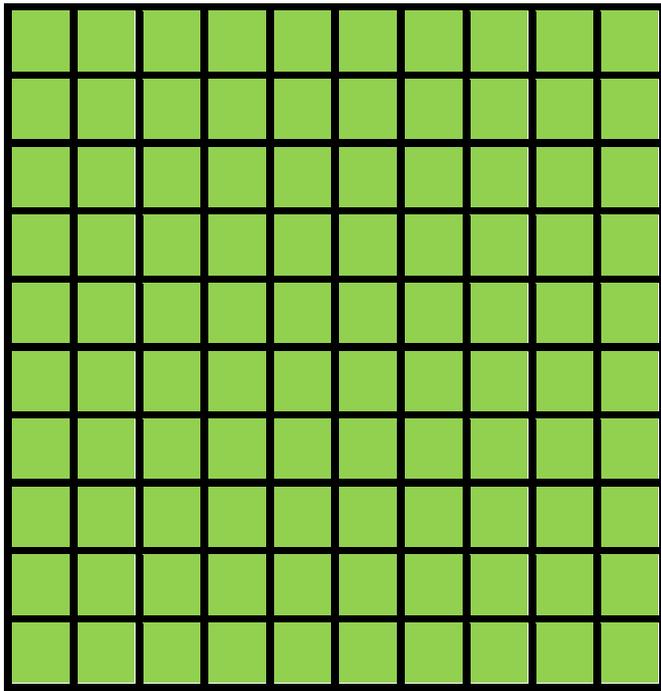
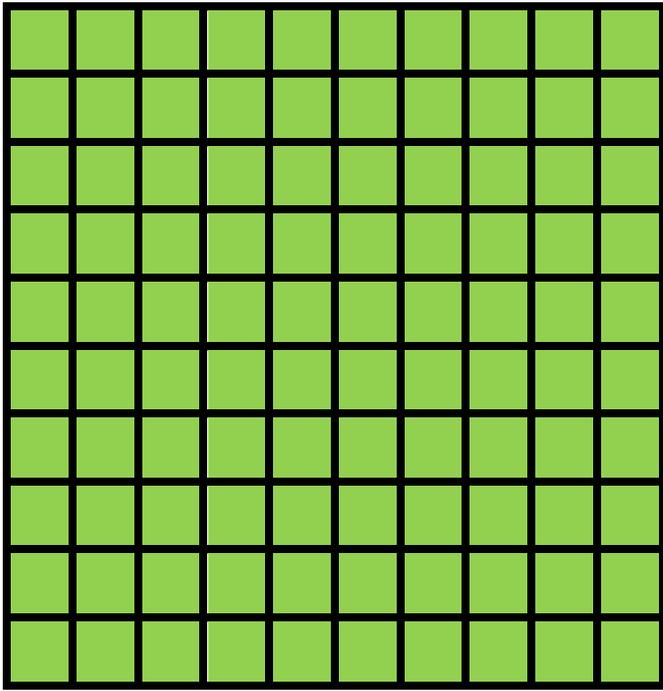


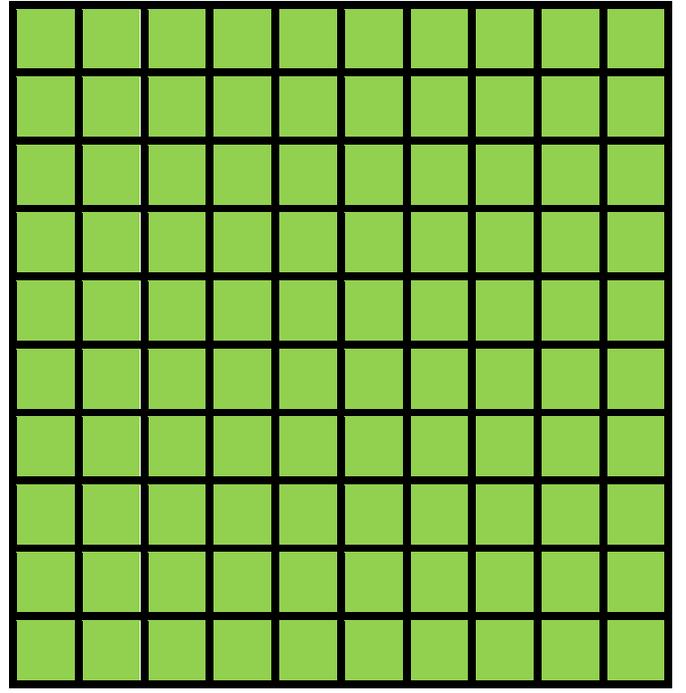
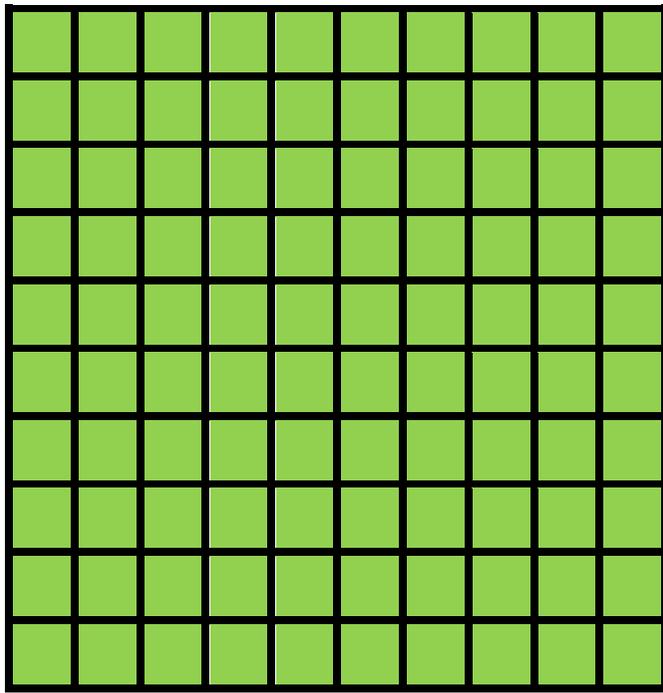
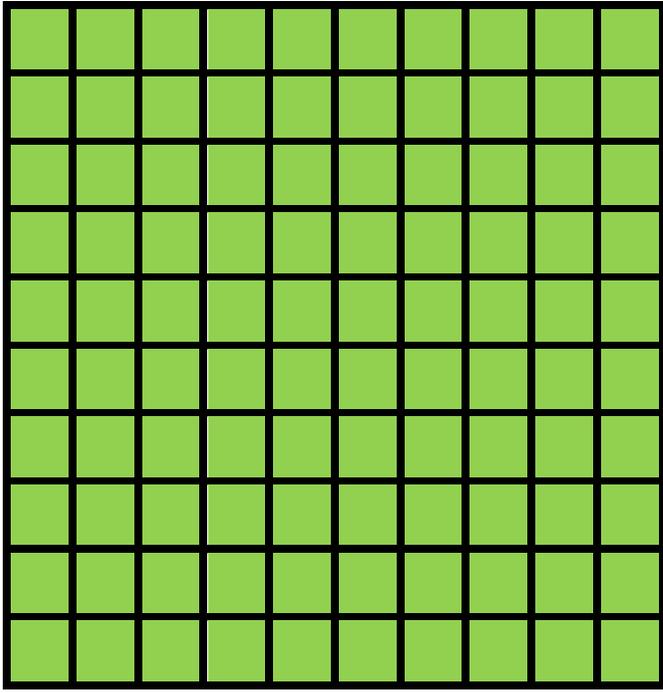
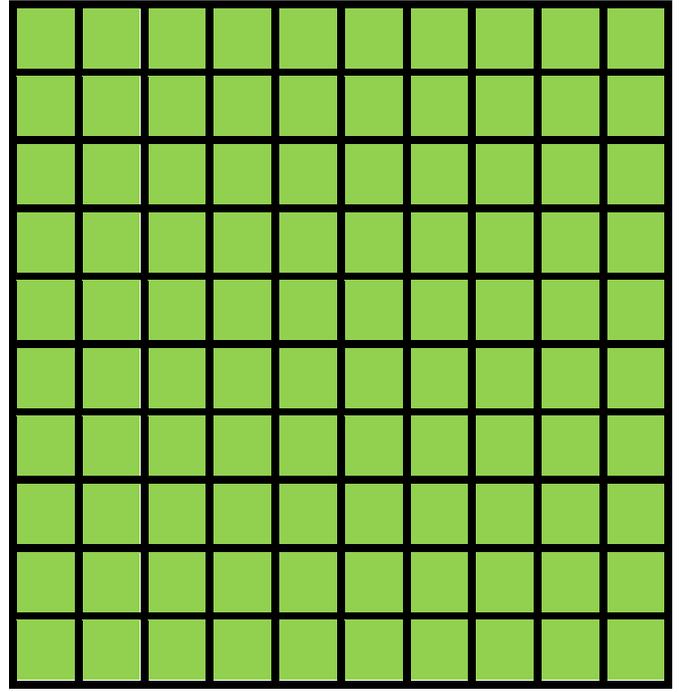
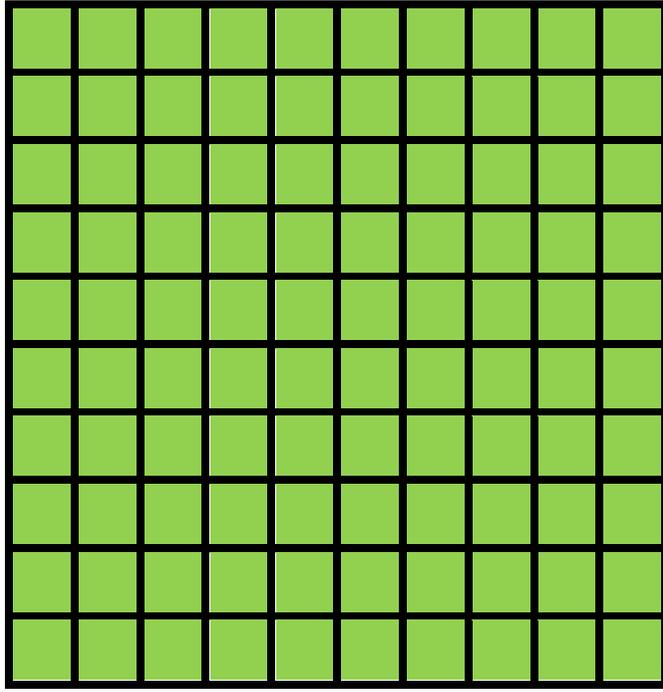
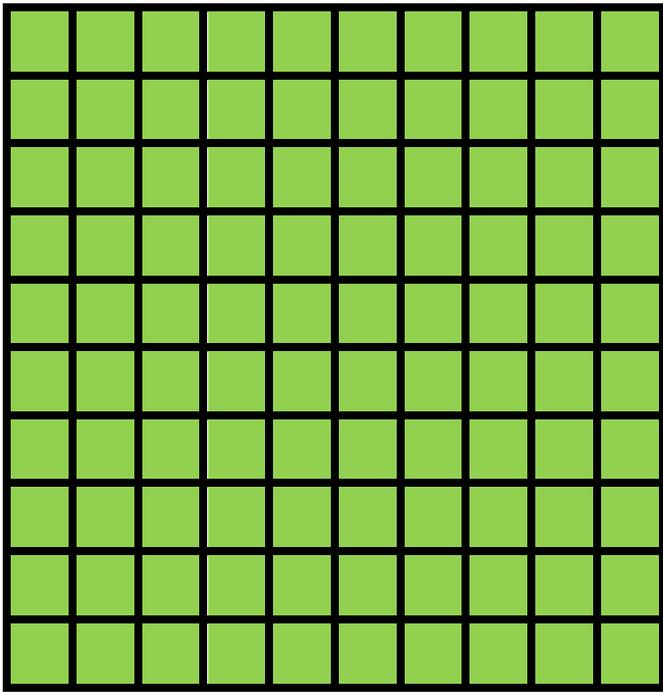


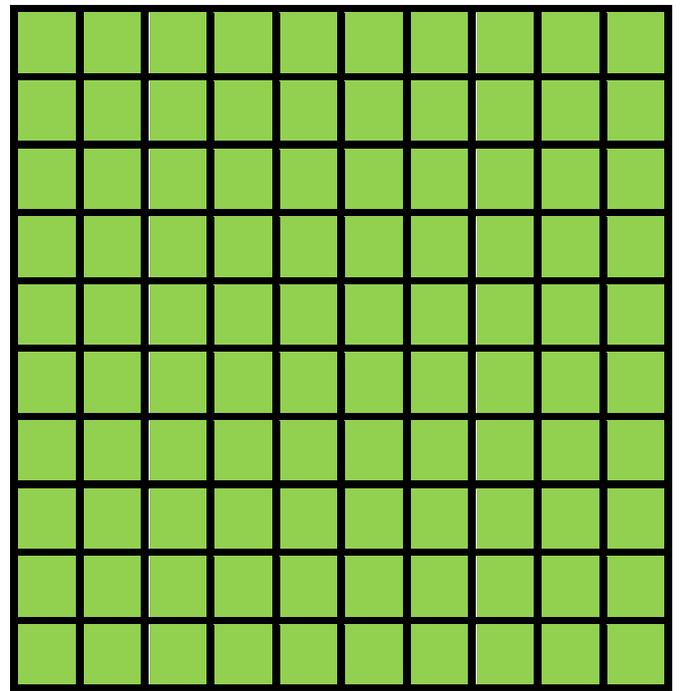
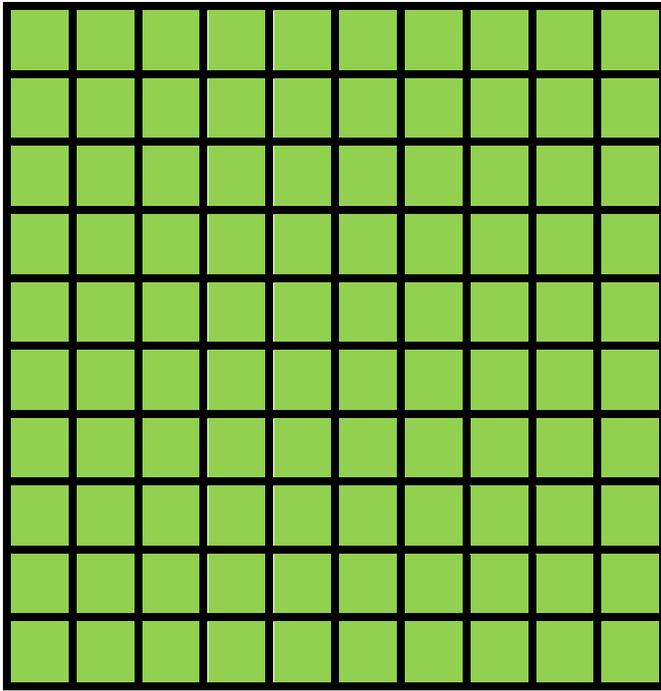
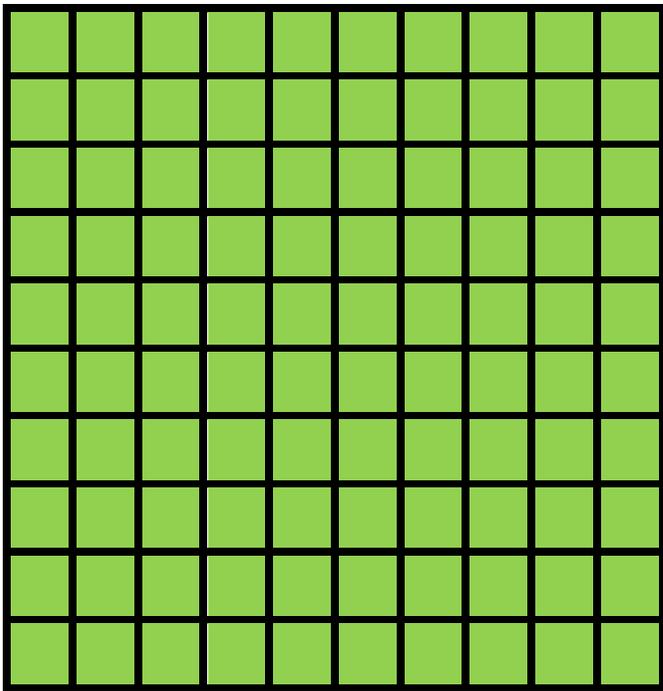
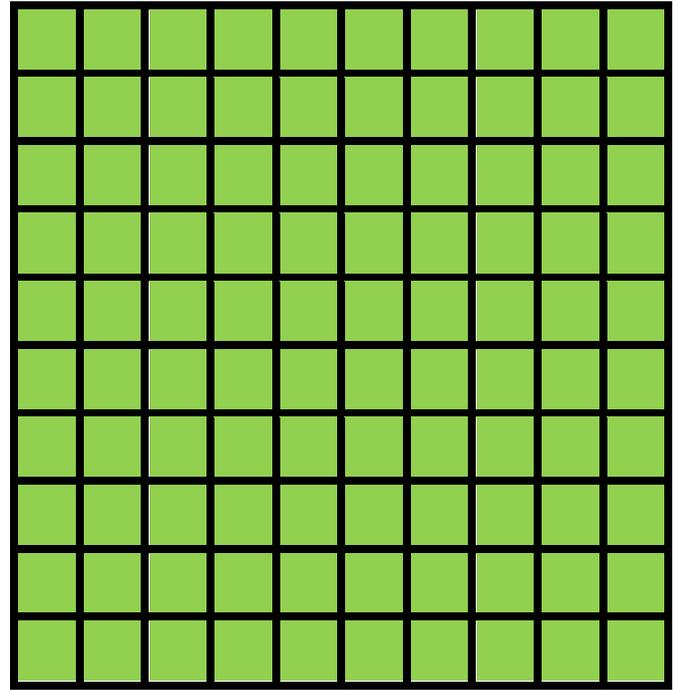
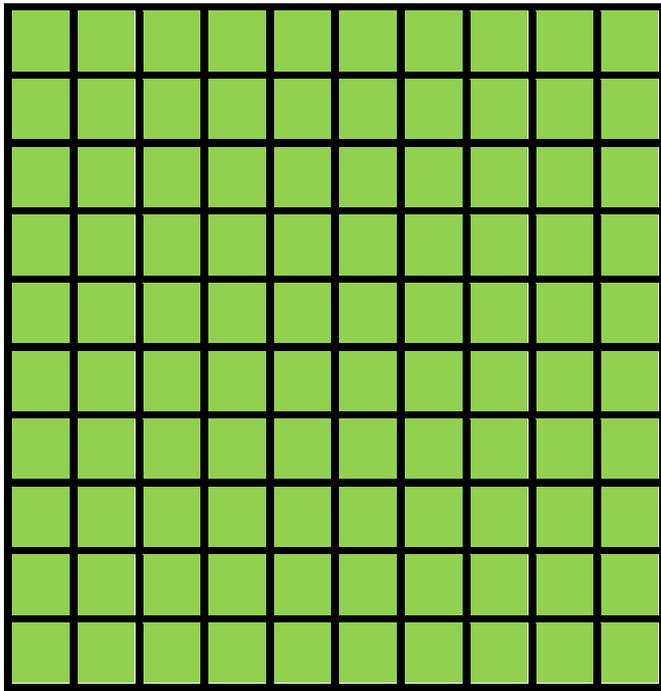
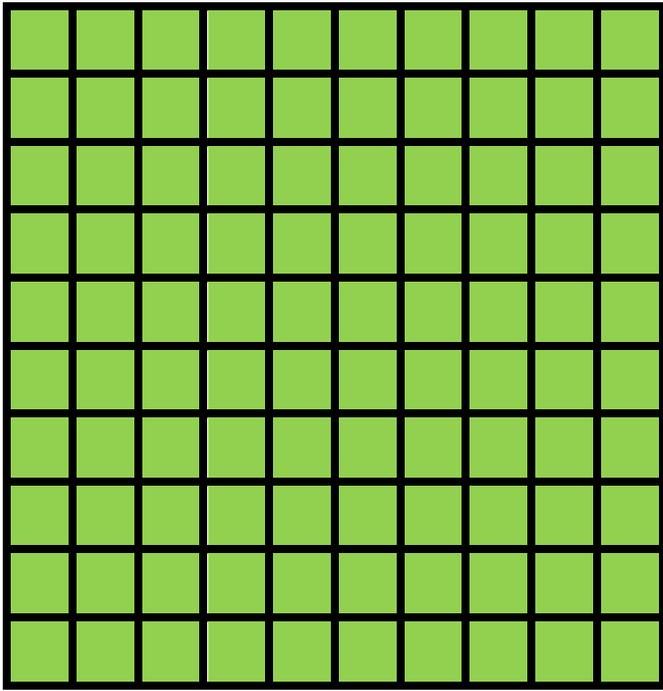


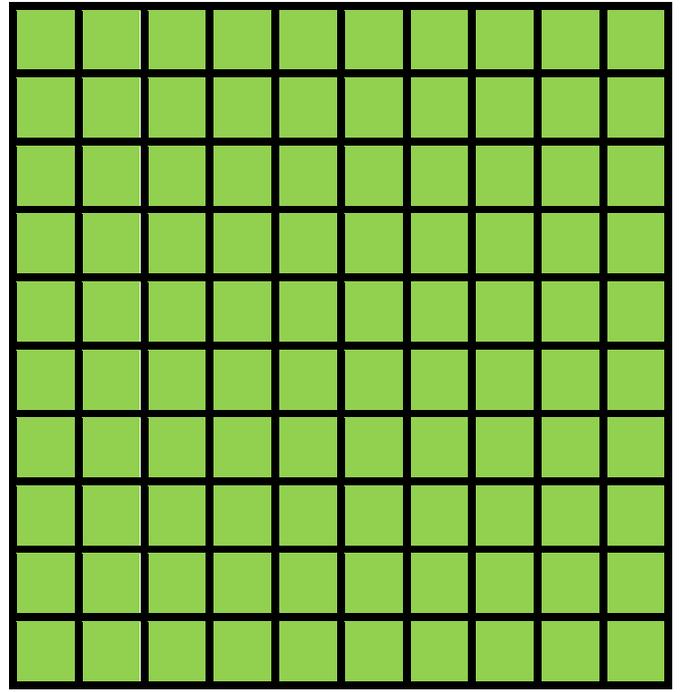
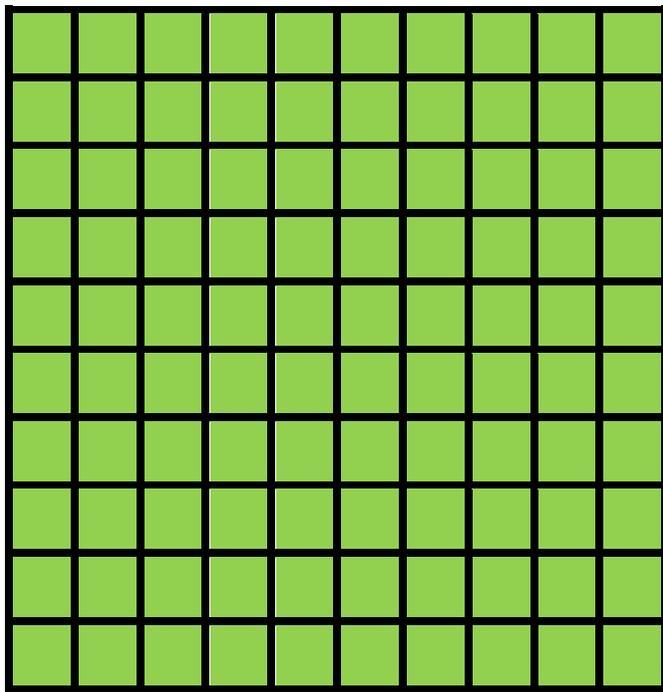
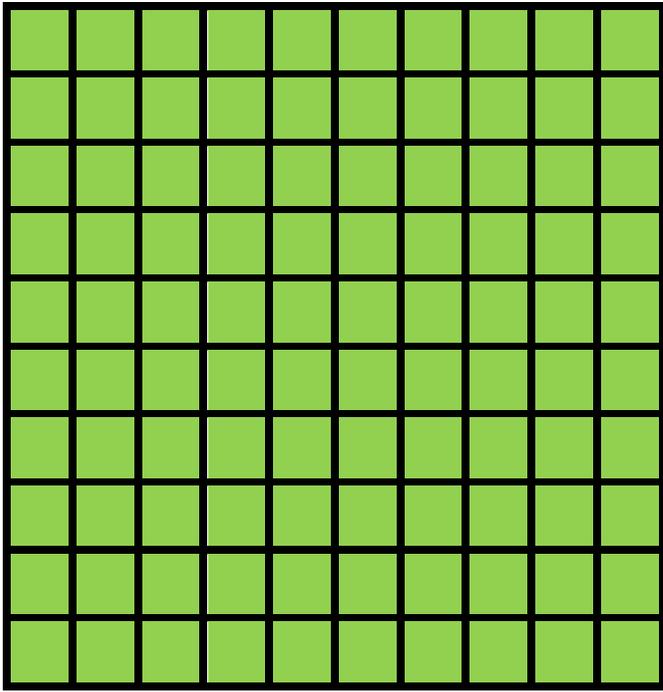
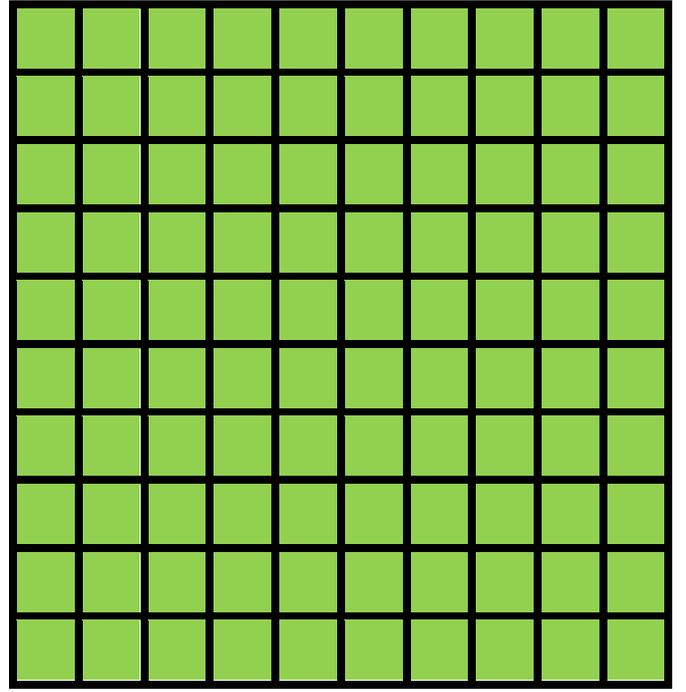
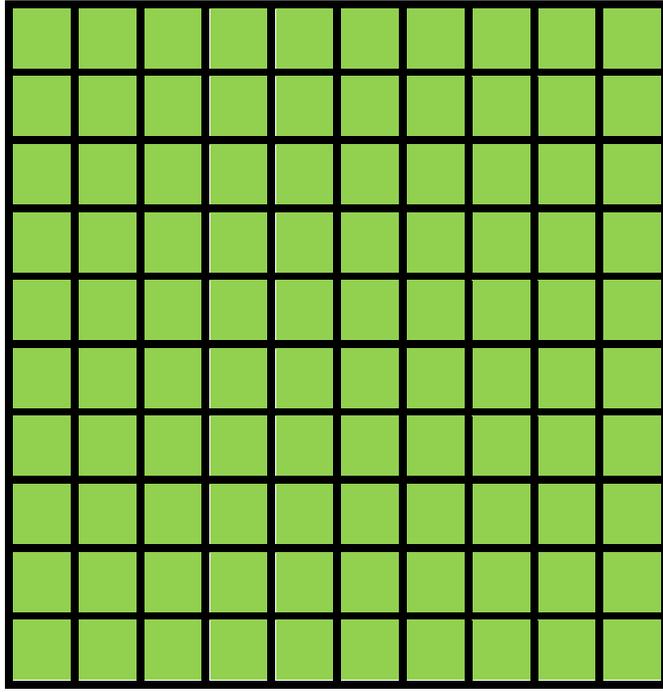
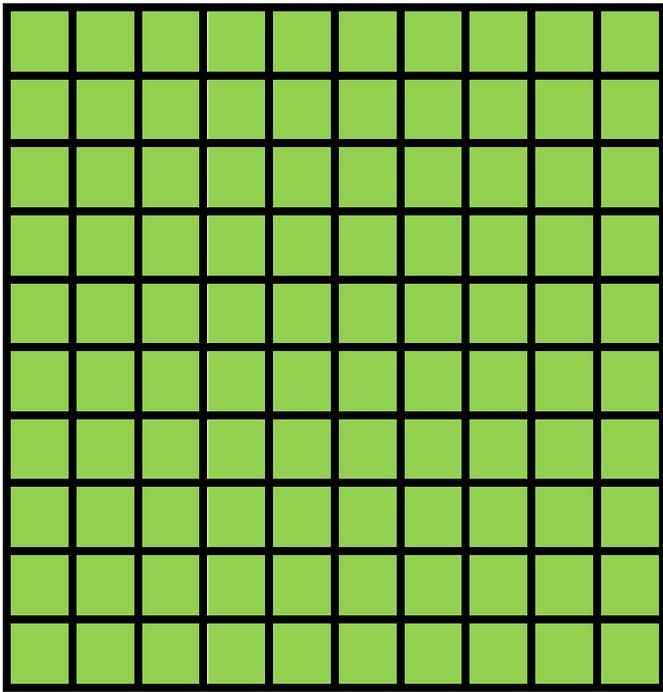


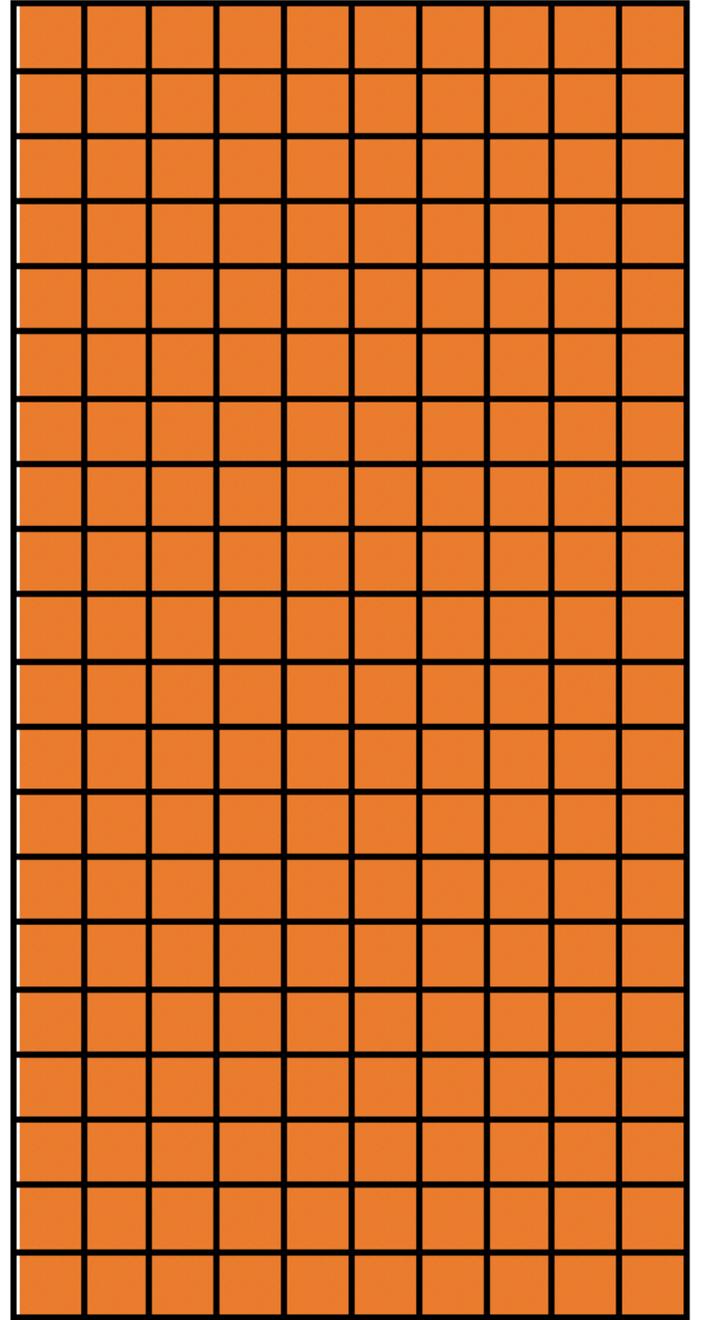
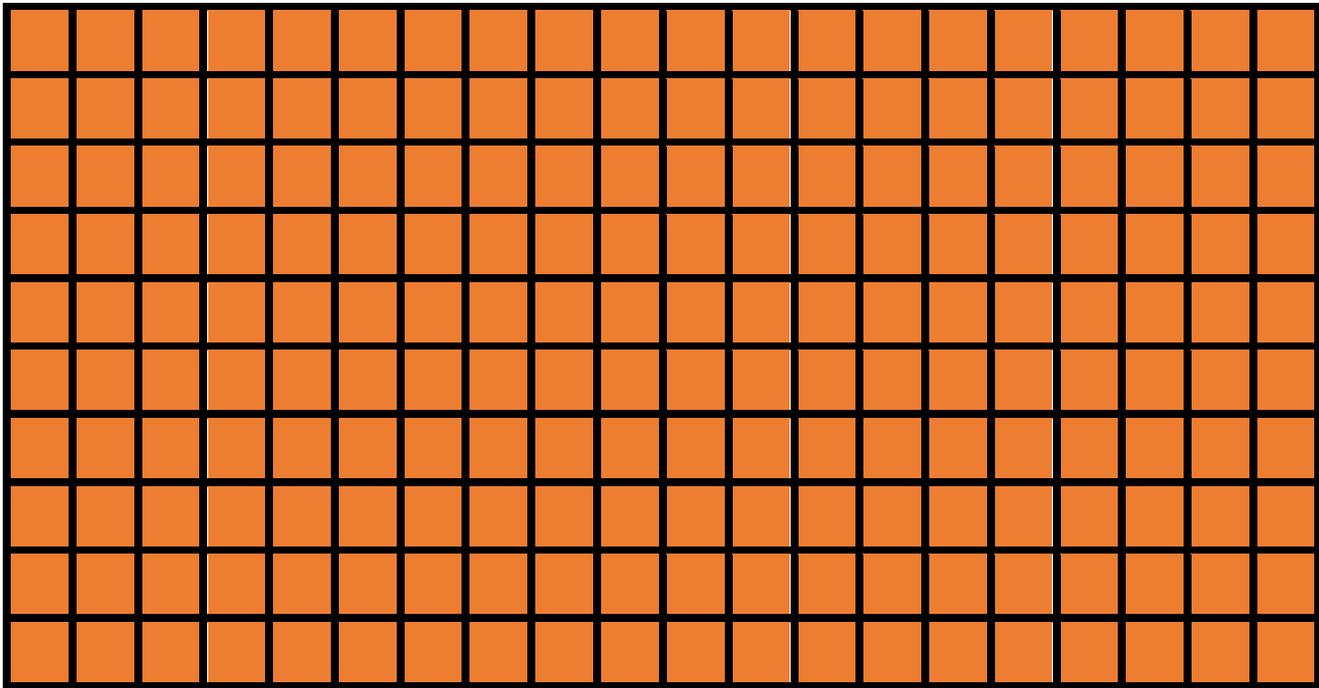
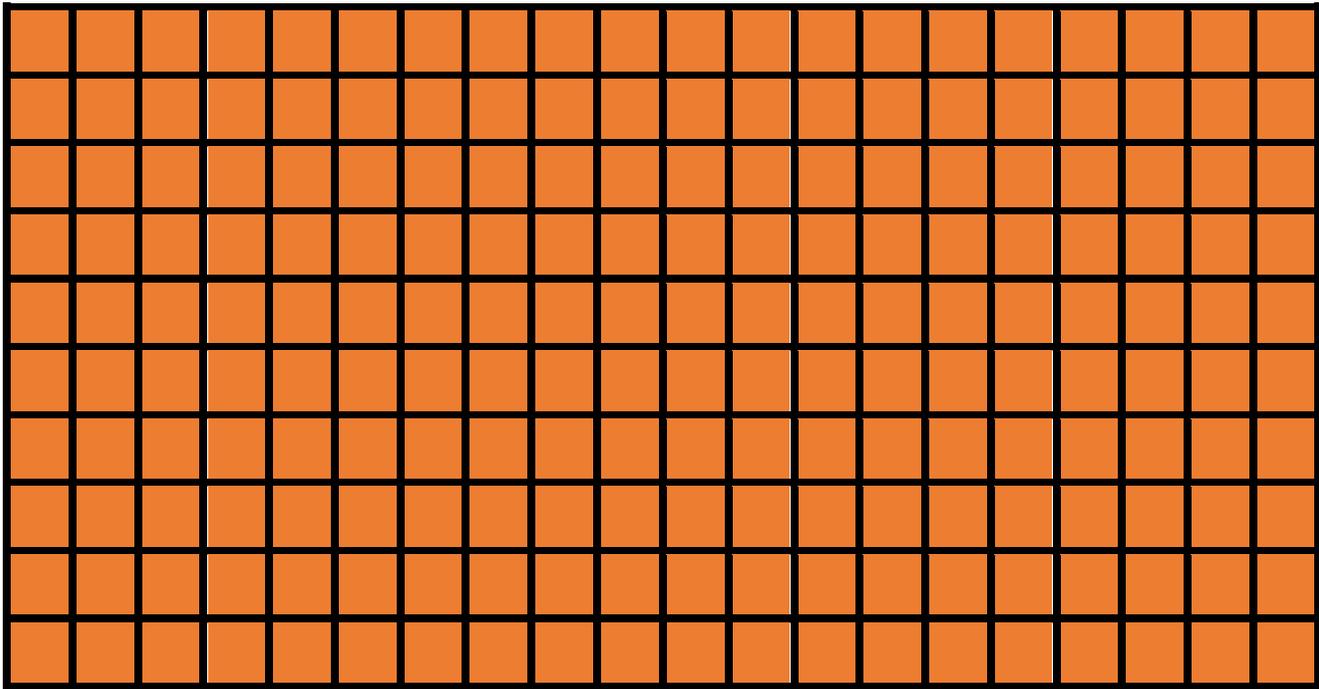


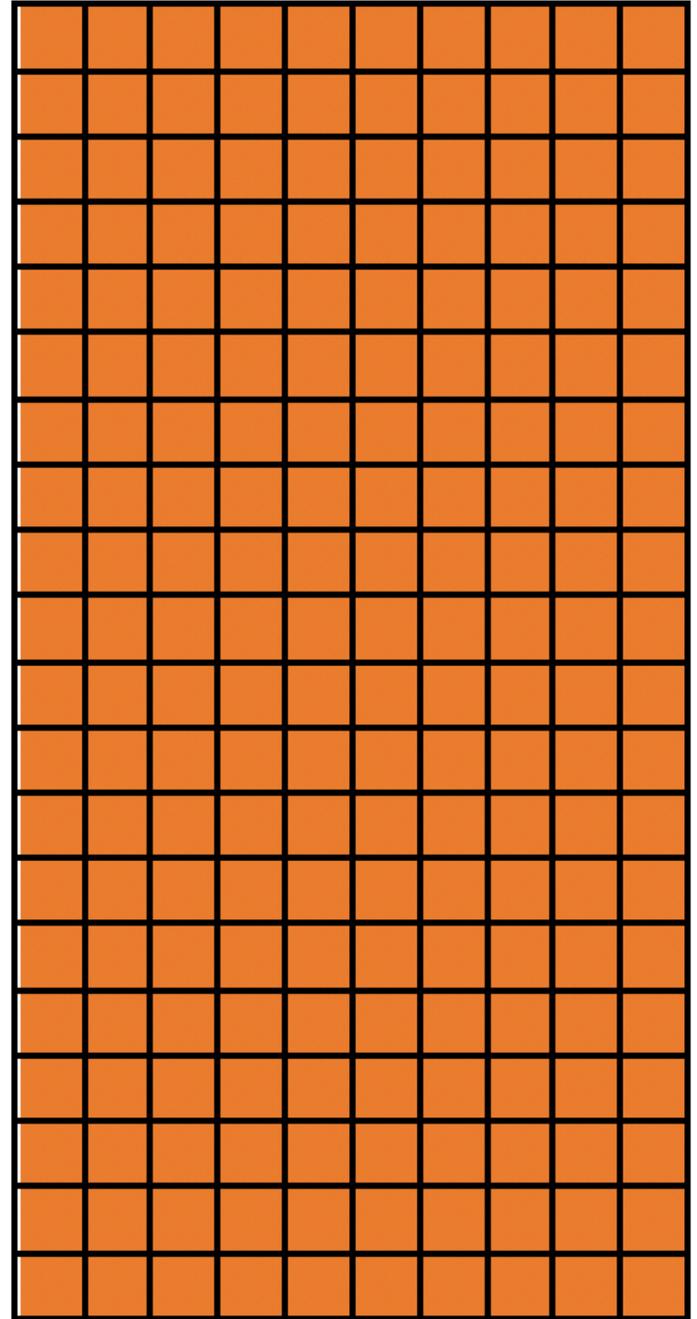
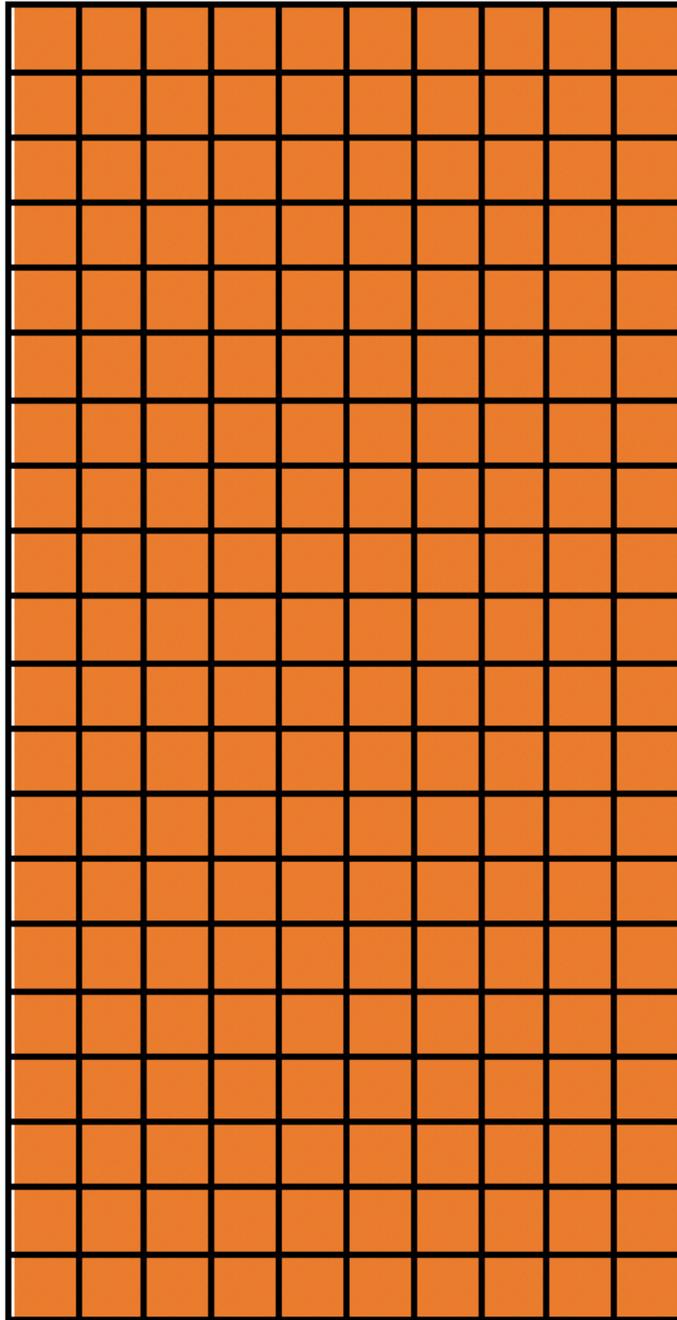
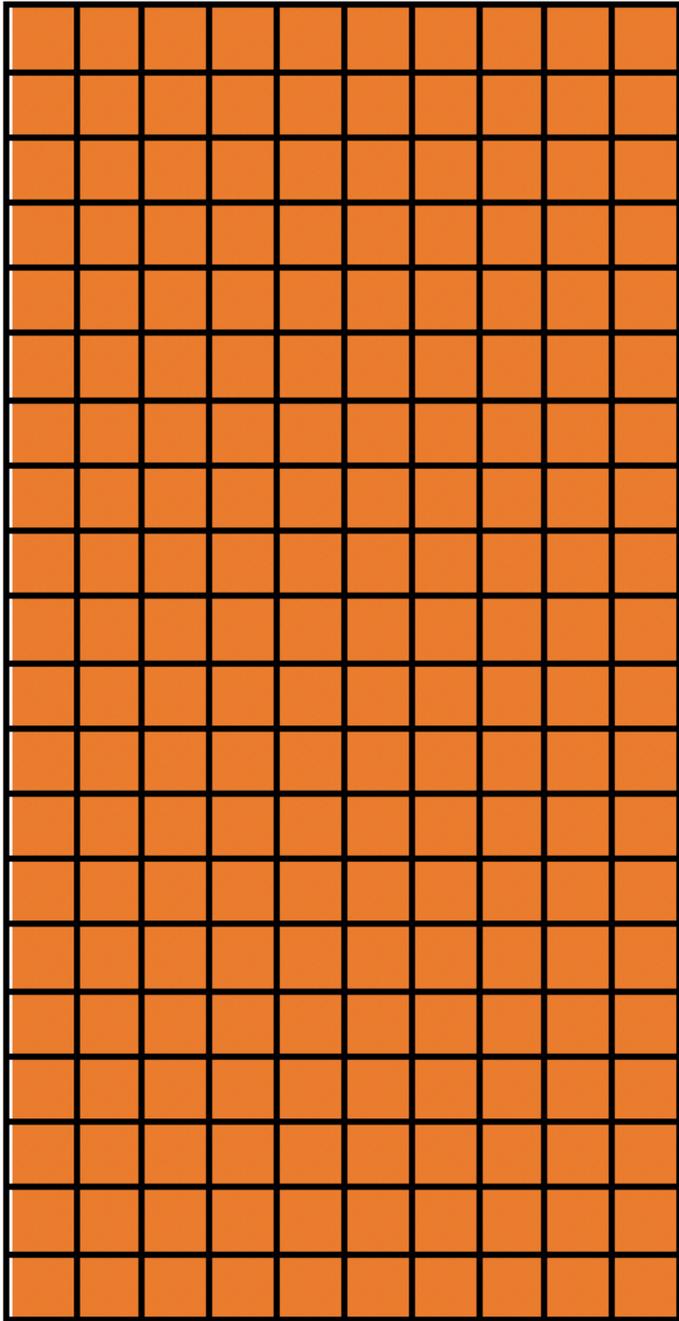


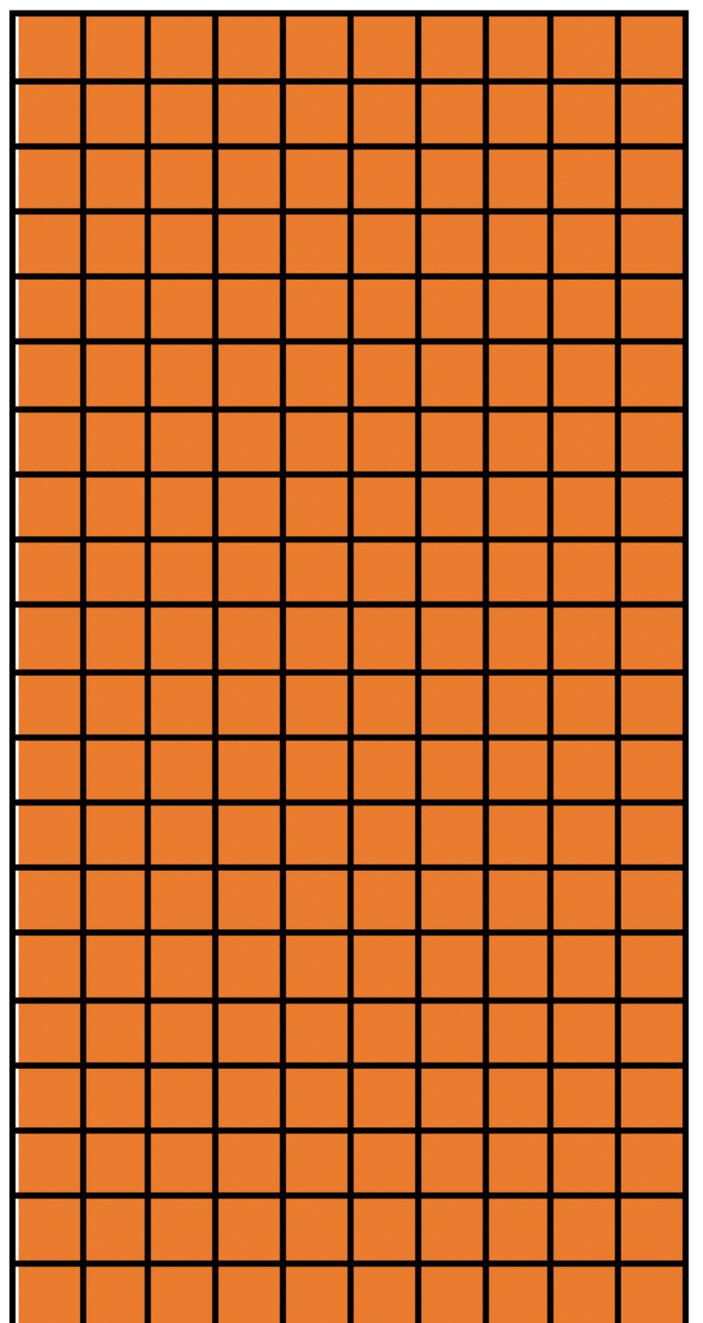
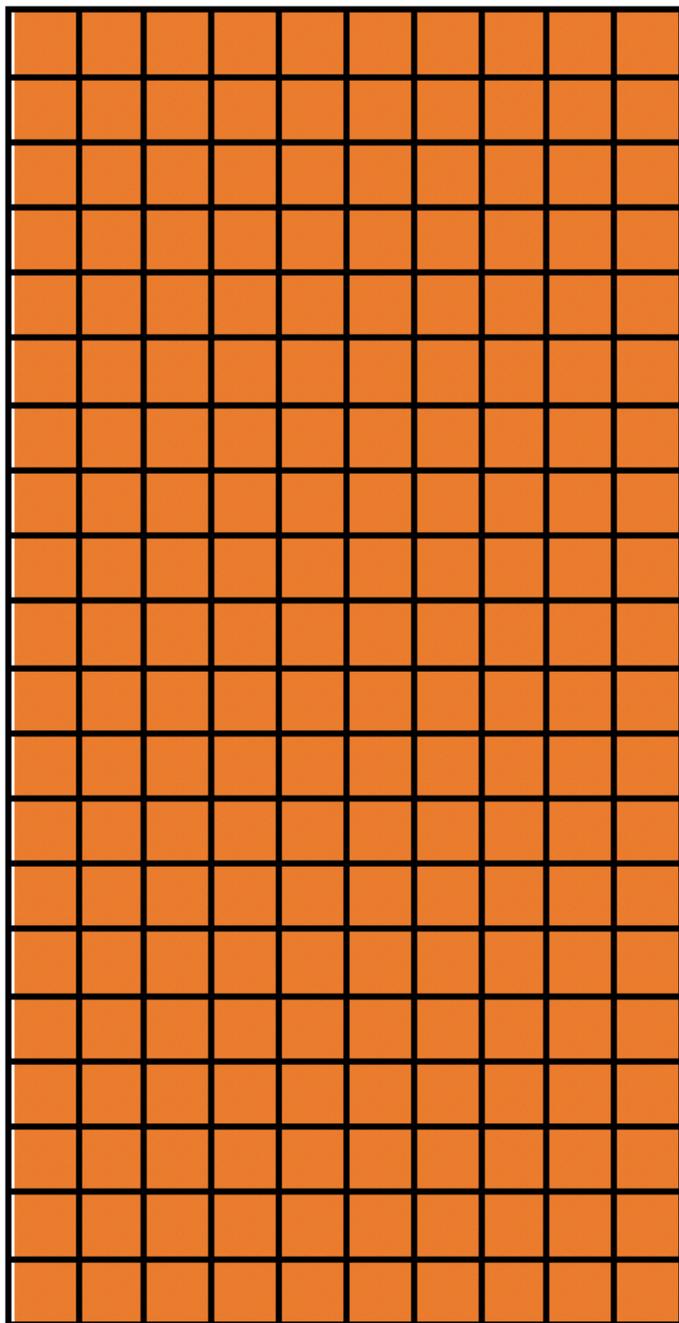
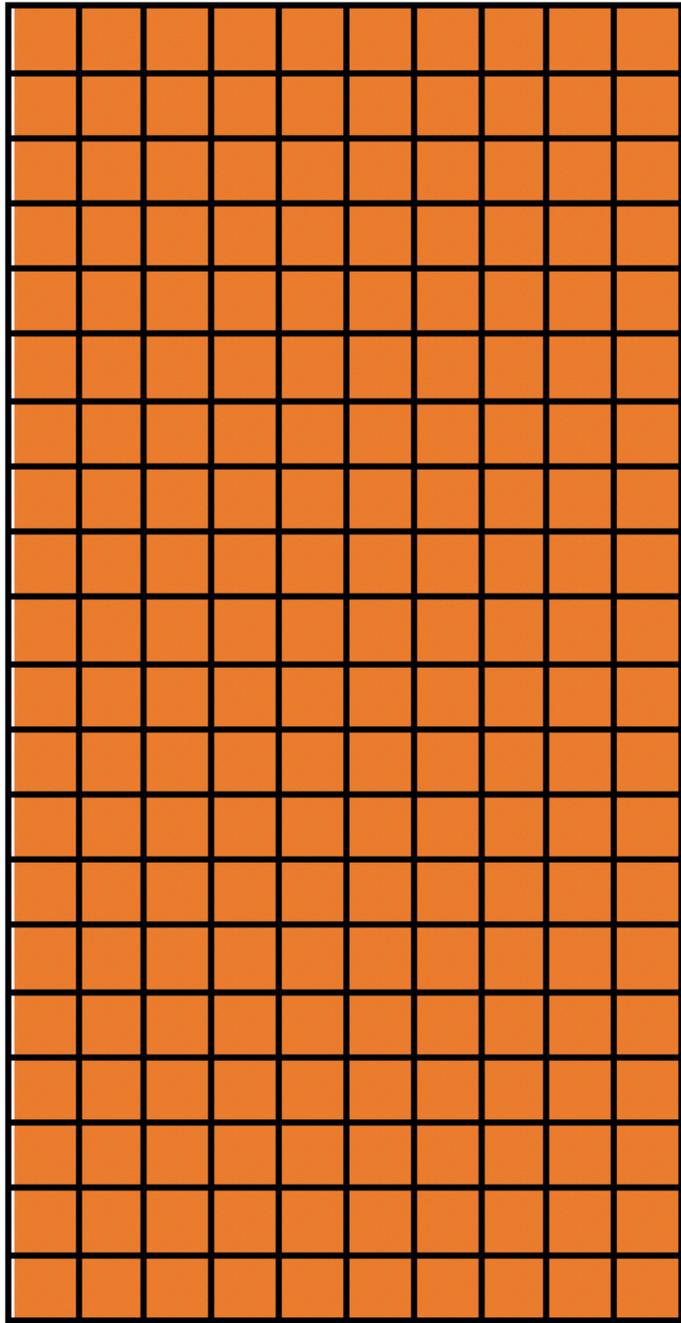


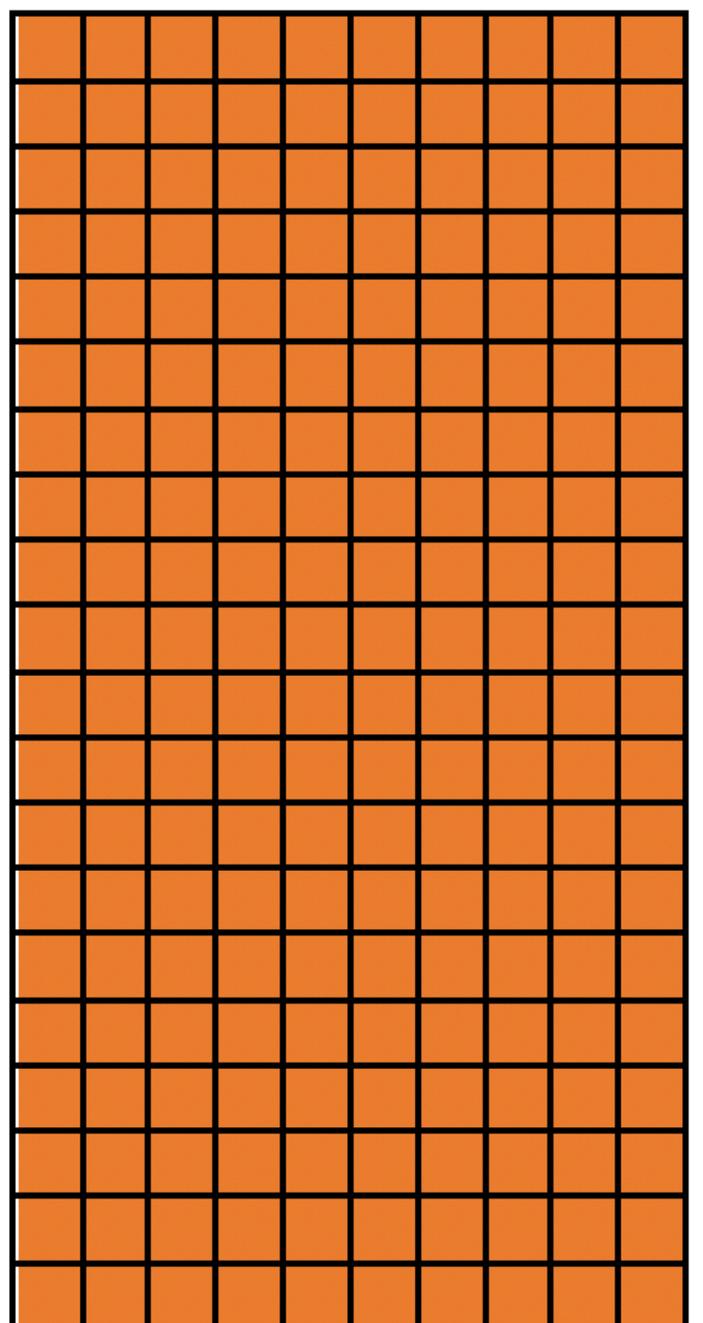
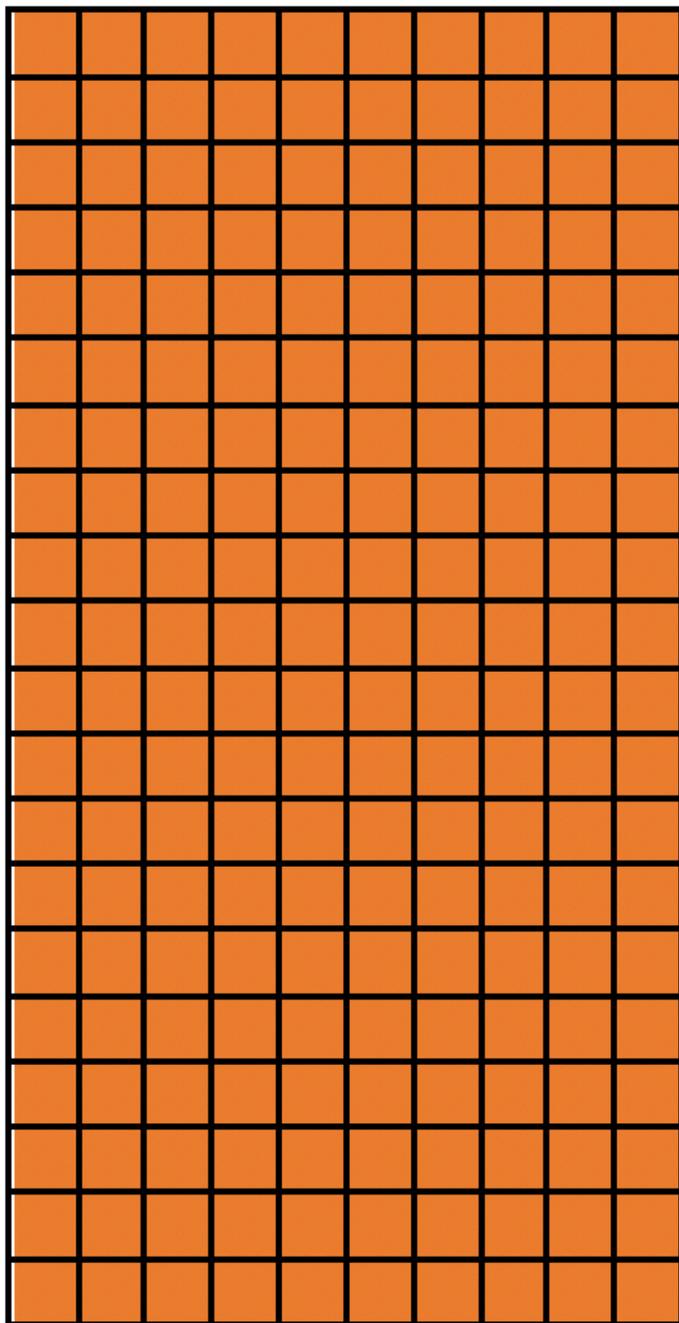
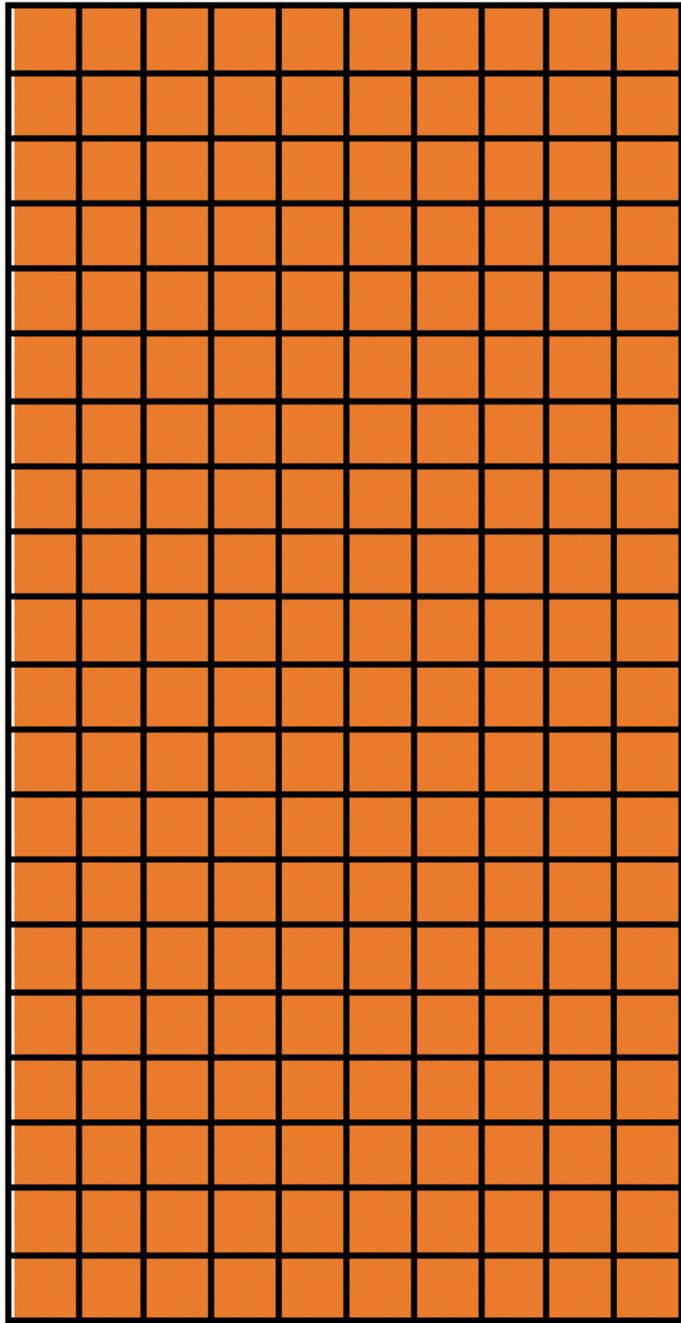


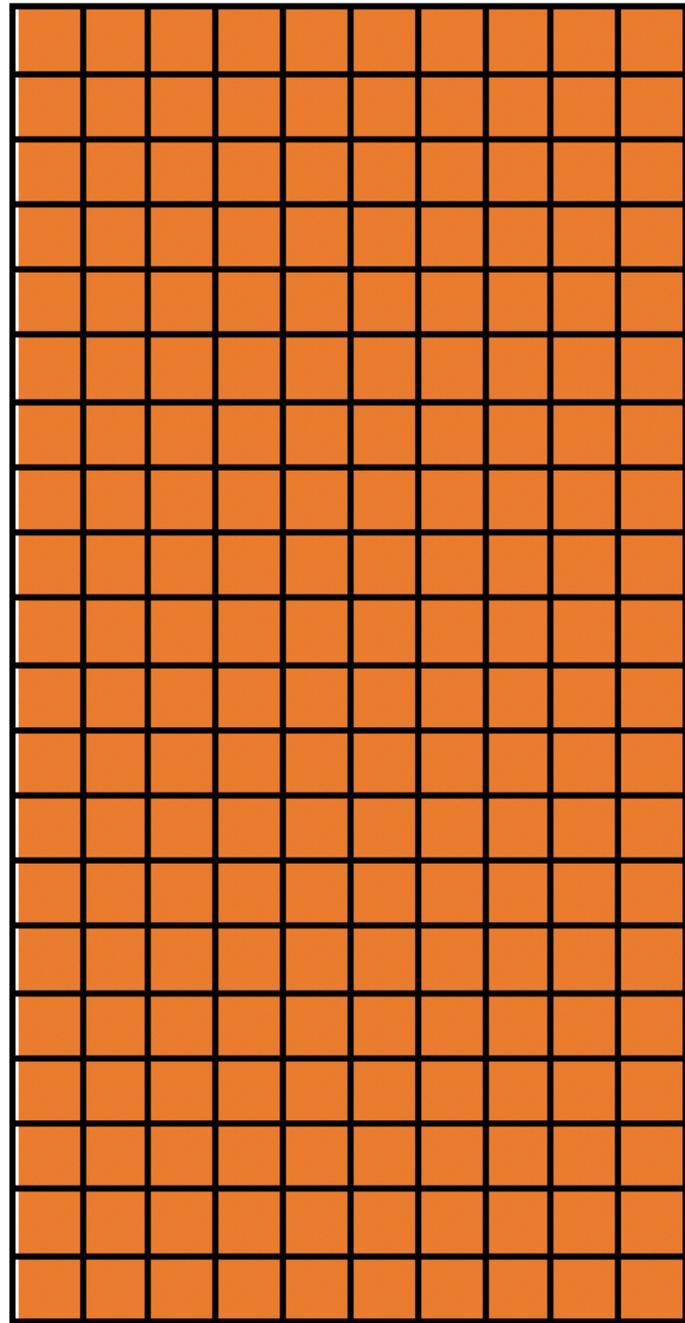
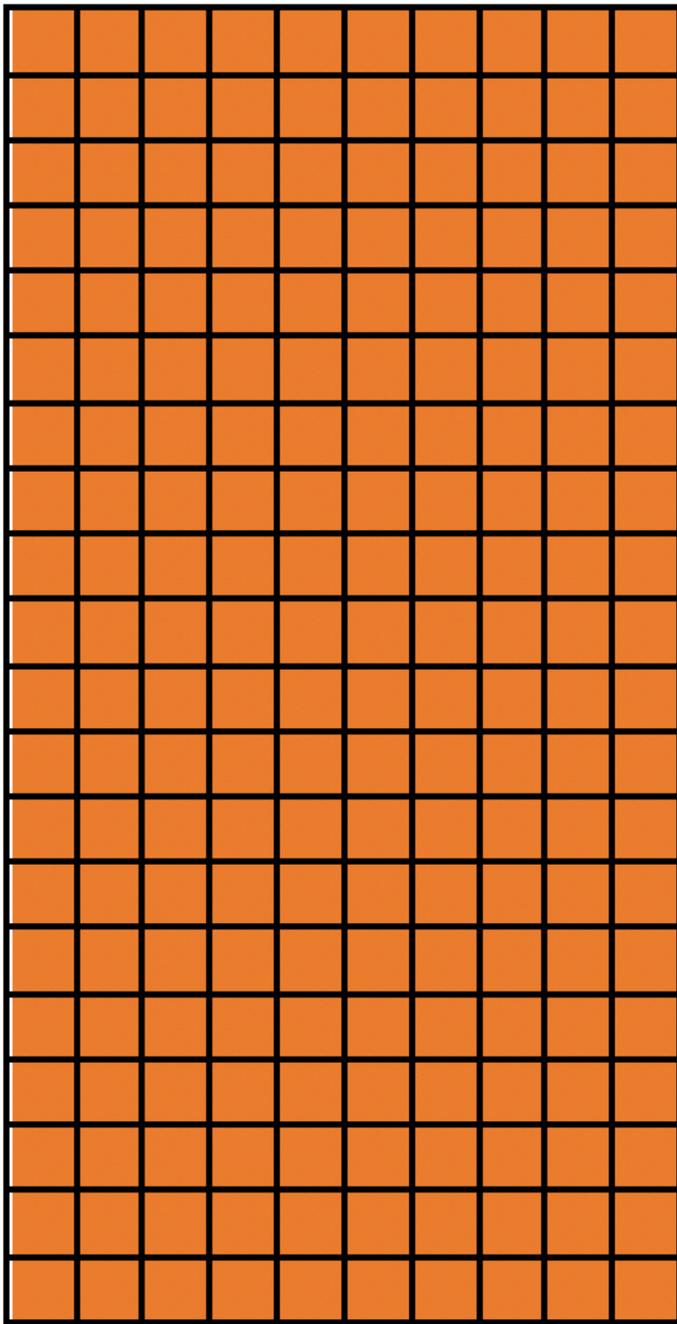
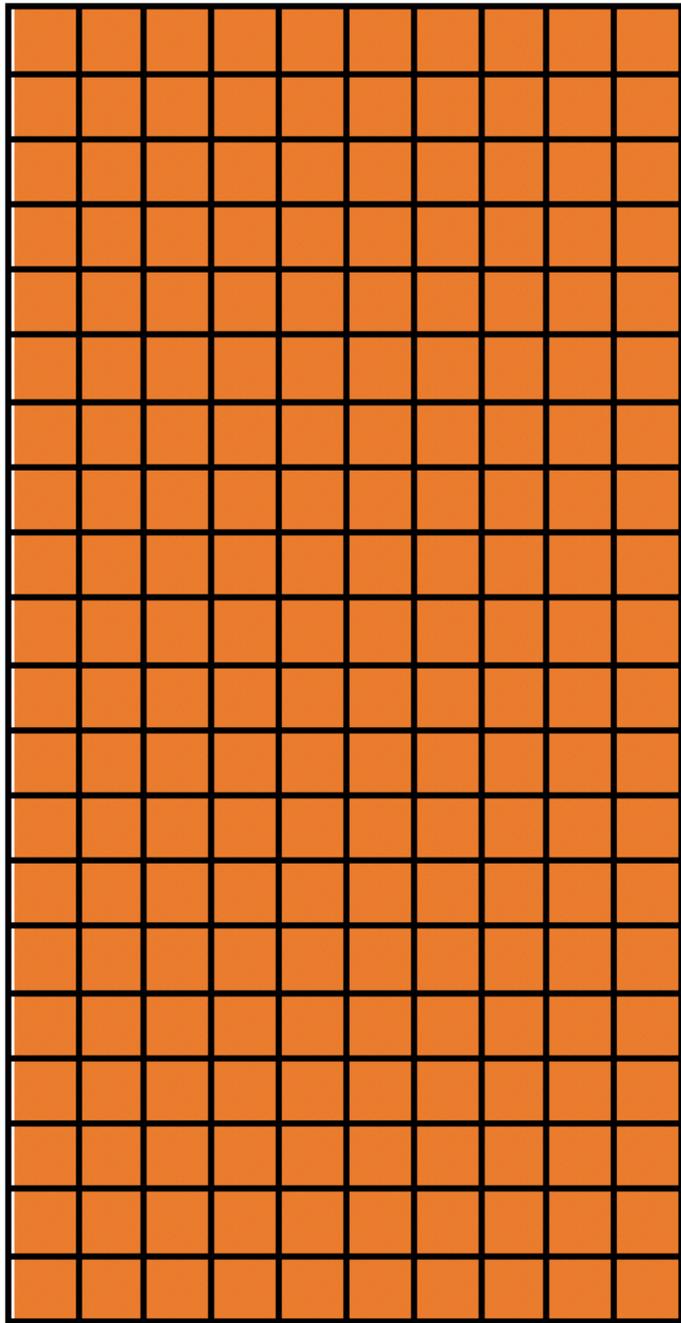


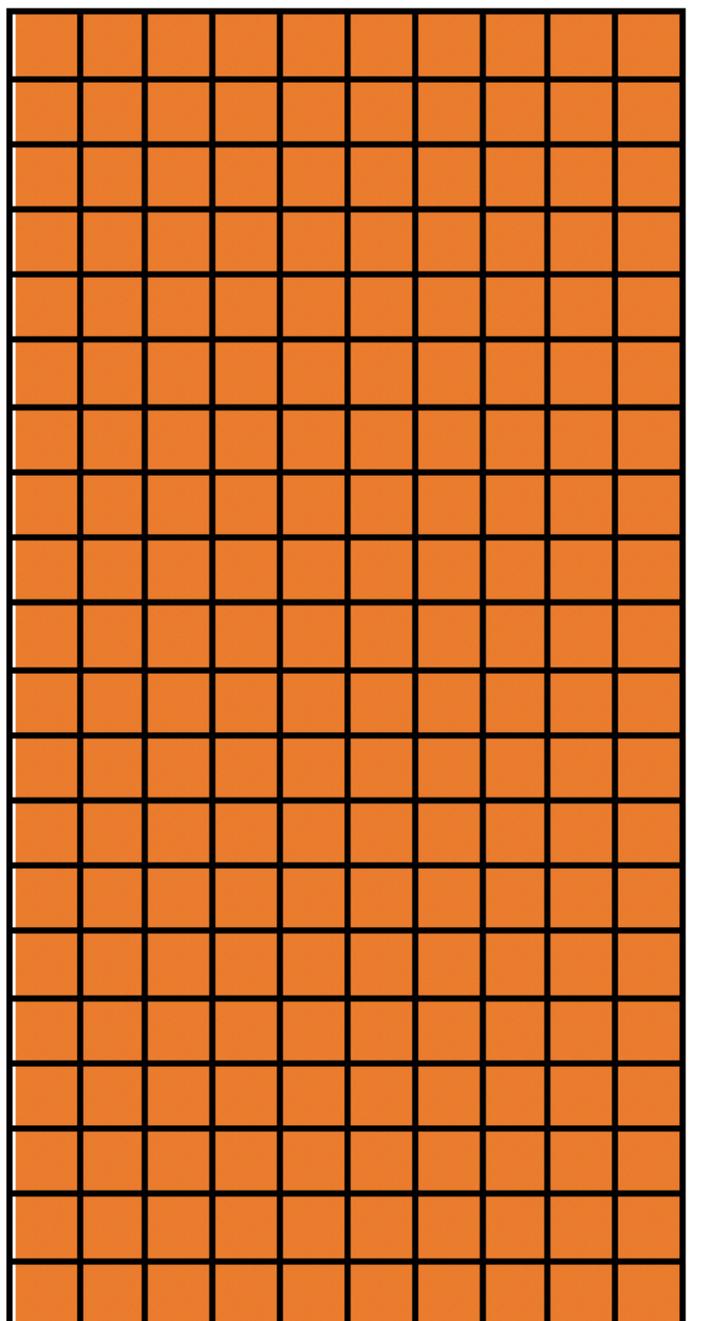
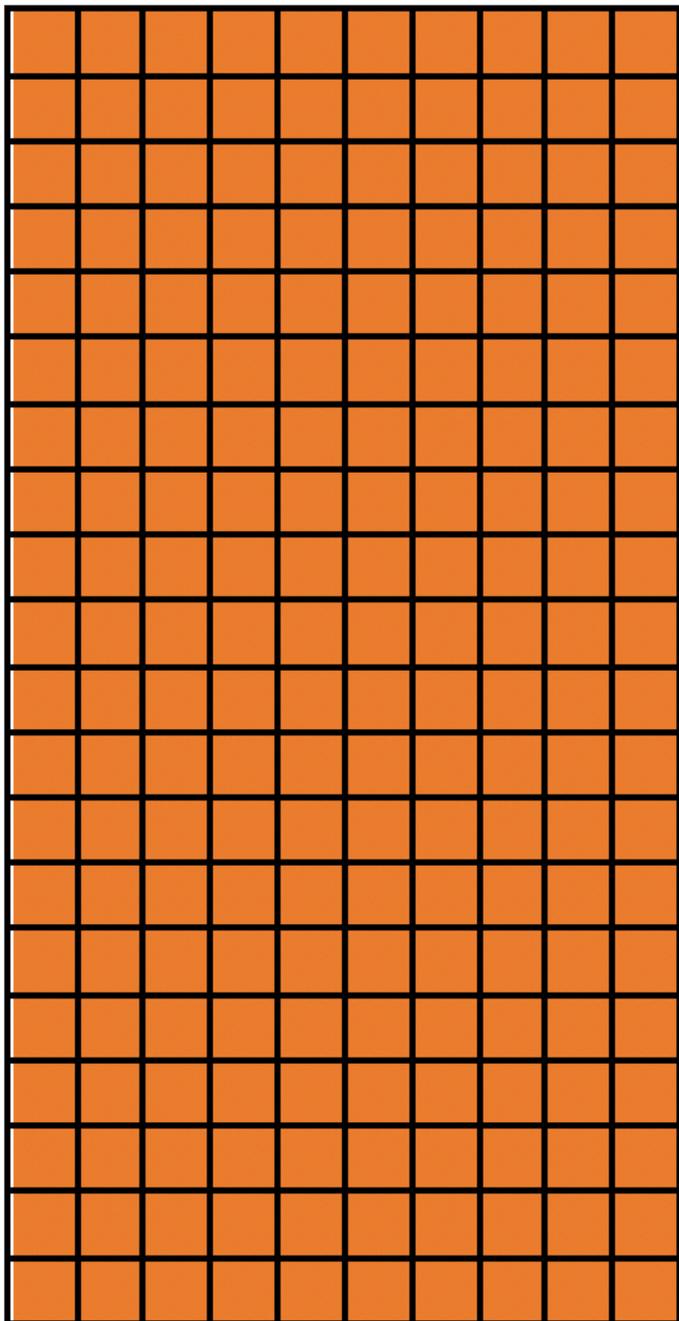
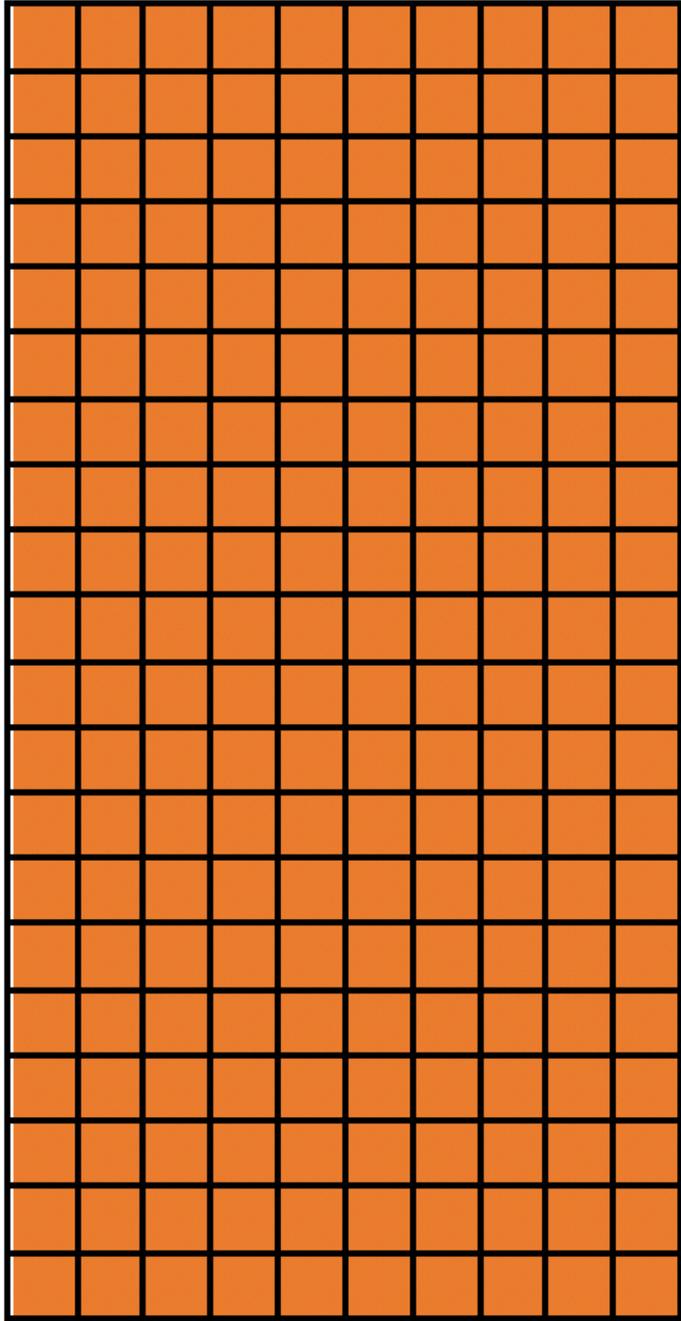


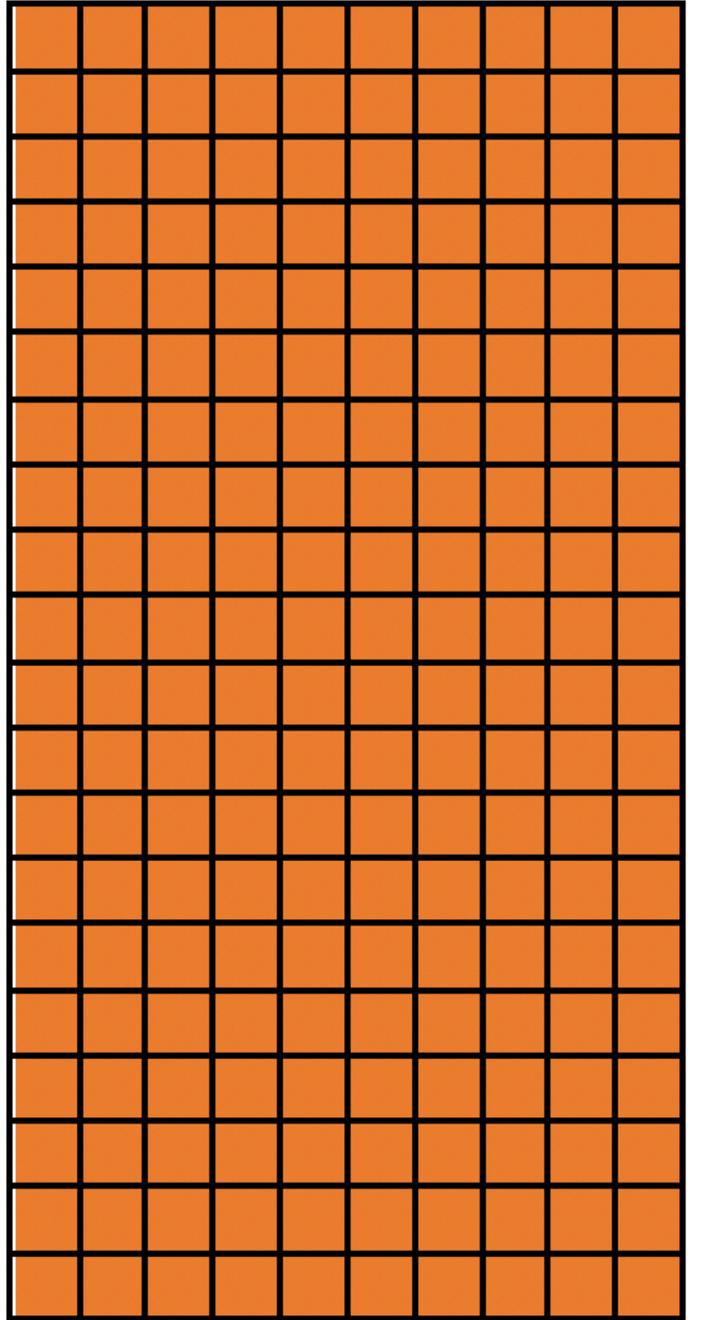
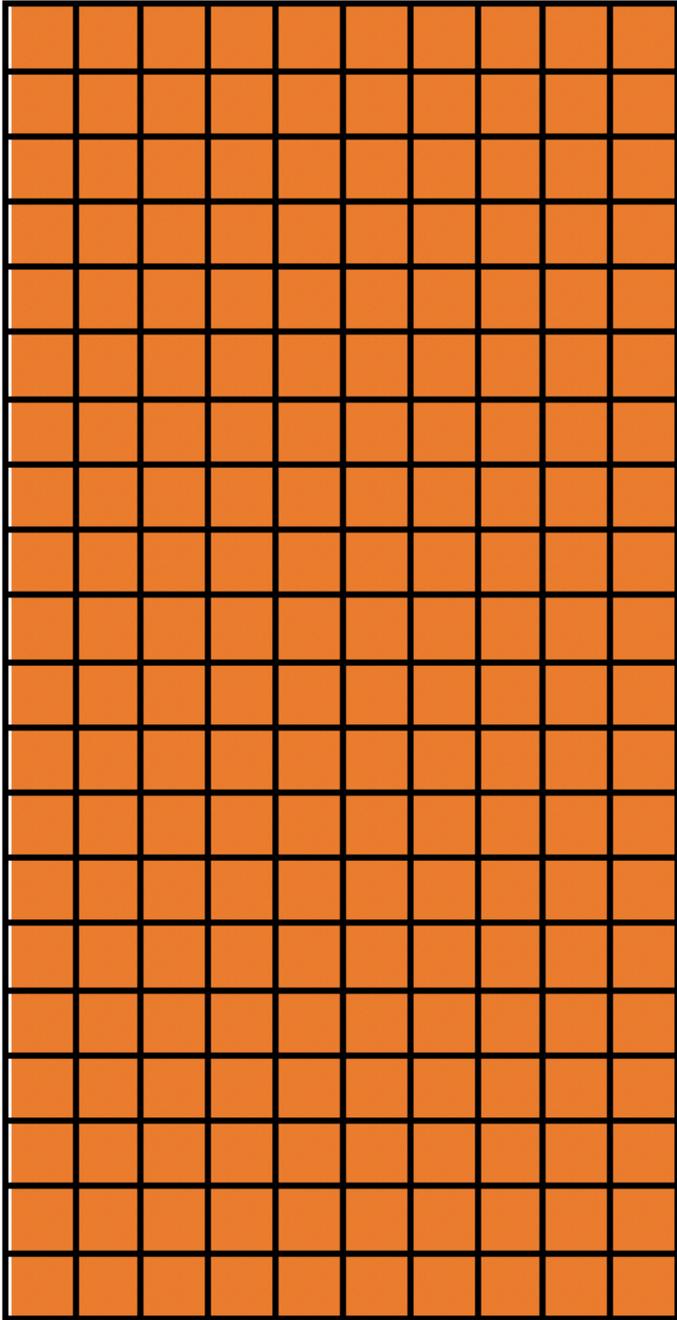
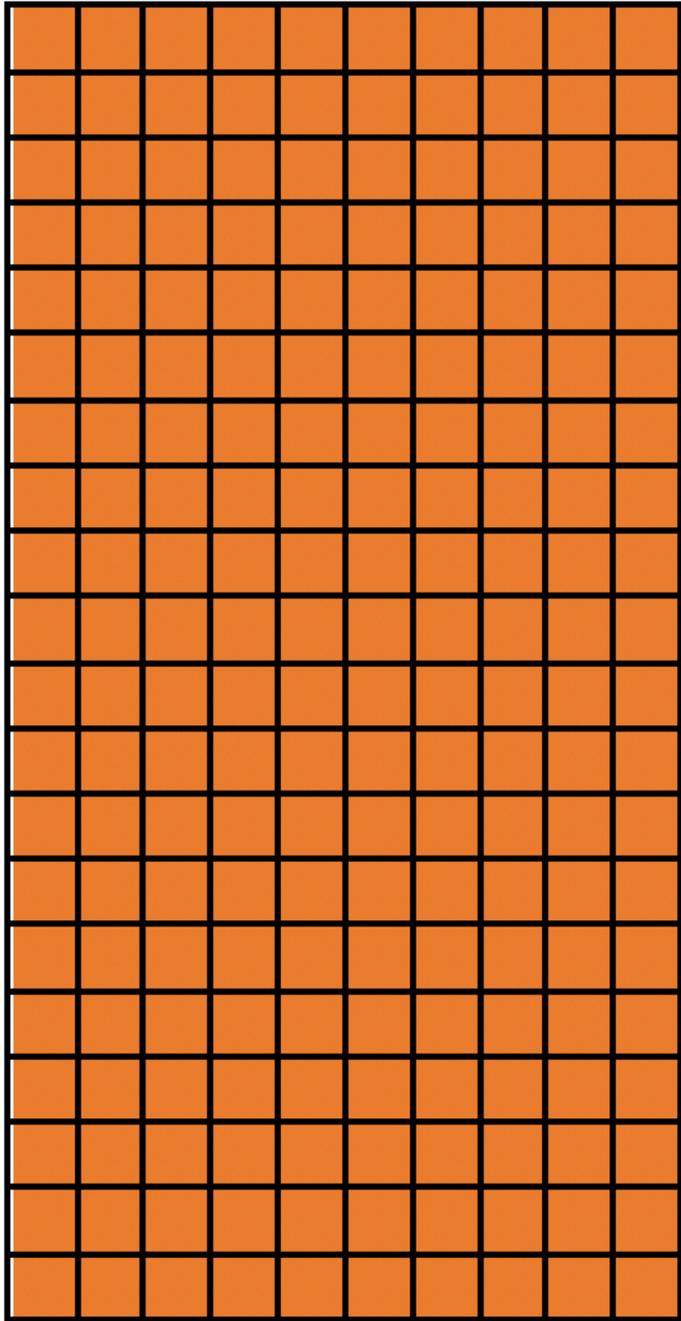












$$\text{UNITÉ} = U = 1$$

$$\text{UN DEMI DE } U = \frac{1}{2}$$

$$\text{UN DEMI DE } U = \frac{1}{2}$$

$$\text{UN TIERS DE } U = \frac{1}{3}$$

$$\text{UN TIERS DE } U = \frac{1}{3}$$

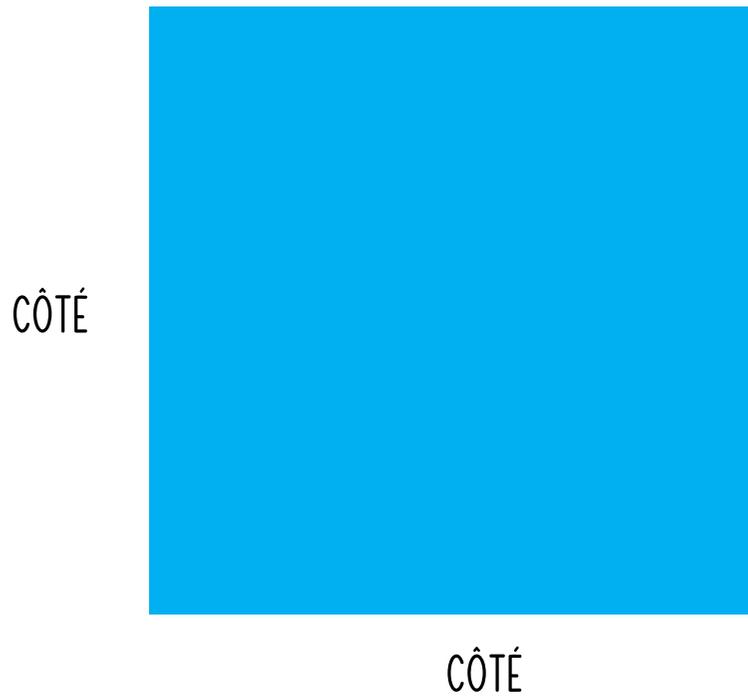
$$\text{UN TIERS DE } U = \frac{1}{3}$$

$$\text{UN QUART DE } U = \frac{1}{4}$$

UN HUITIÈME DE U =

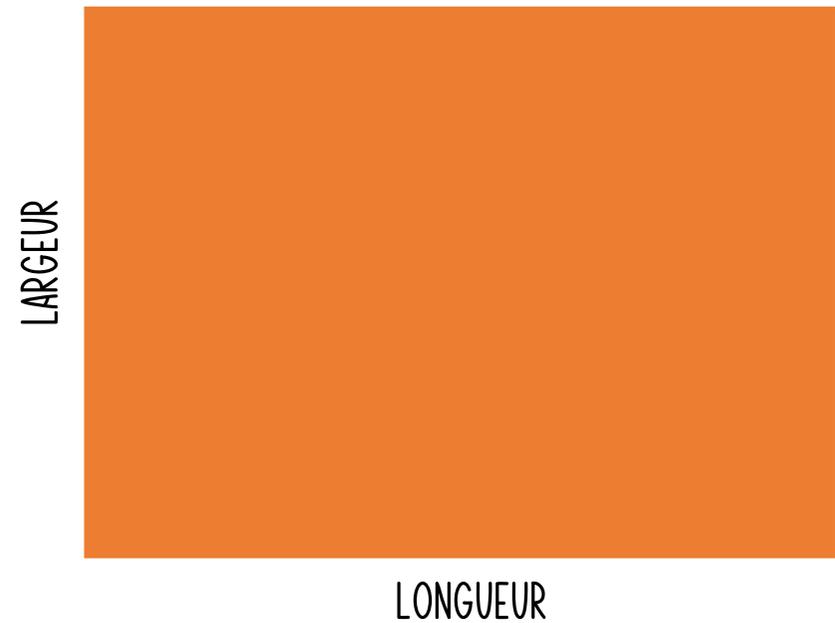
$$\frac{1}{8}$$

L'AIRE DU CARRÉ



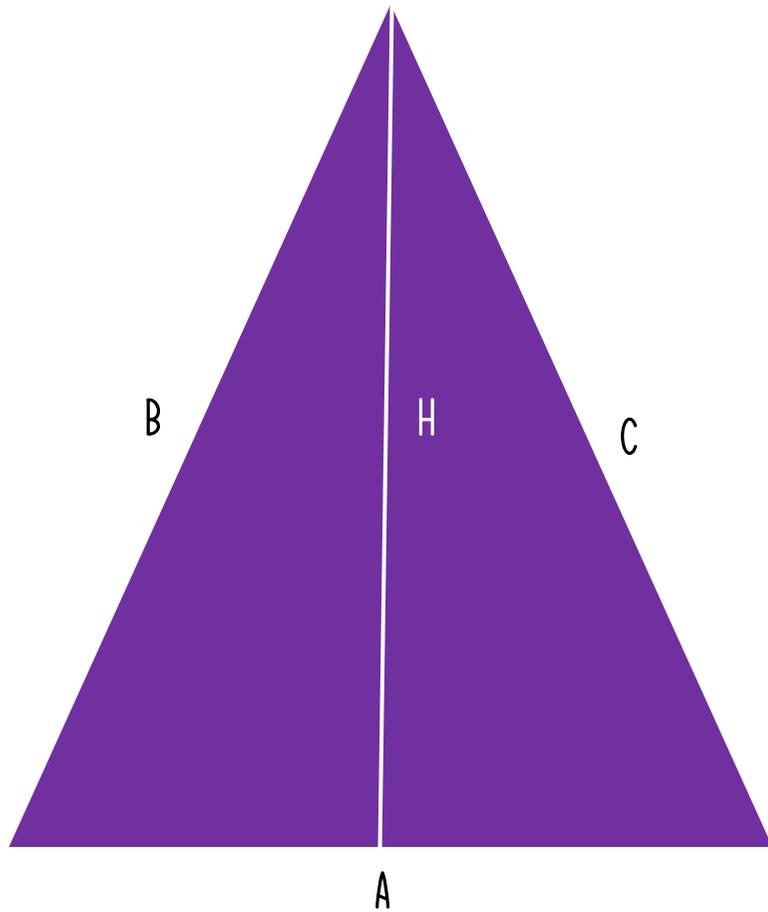
$$\text{AIRE DU CARRÉ} = \text{CÔTÉ} \times \text{CÔTÉ}$$

L'AIRE DU RECTANGLE

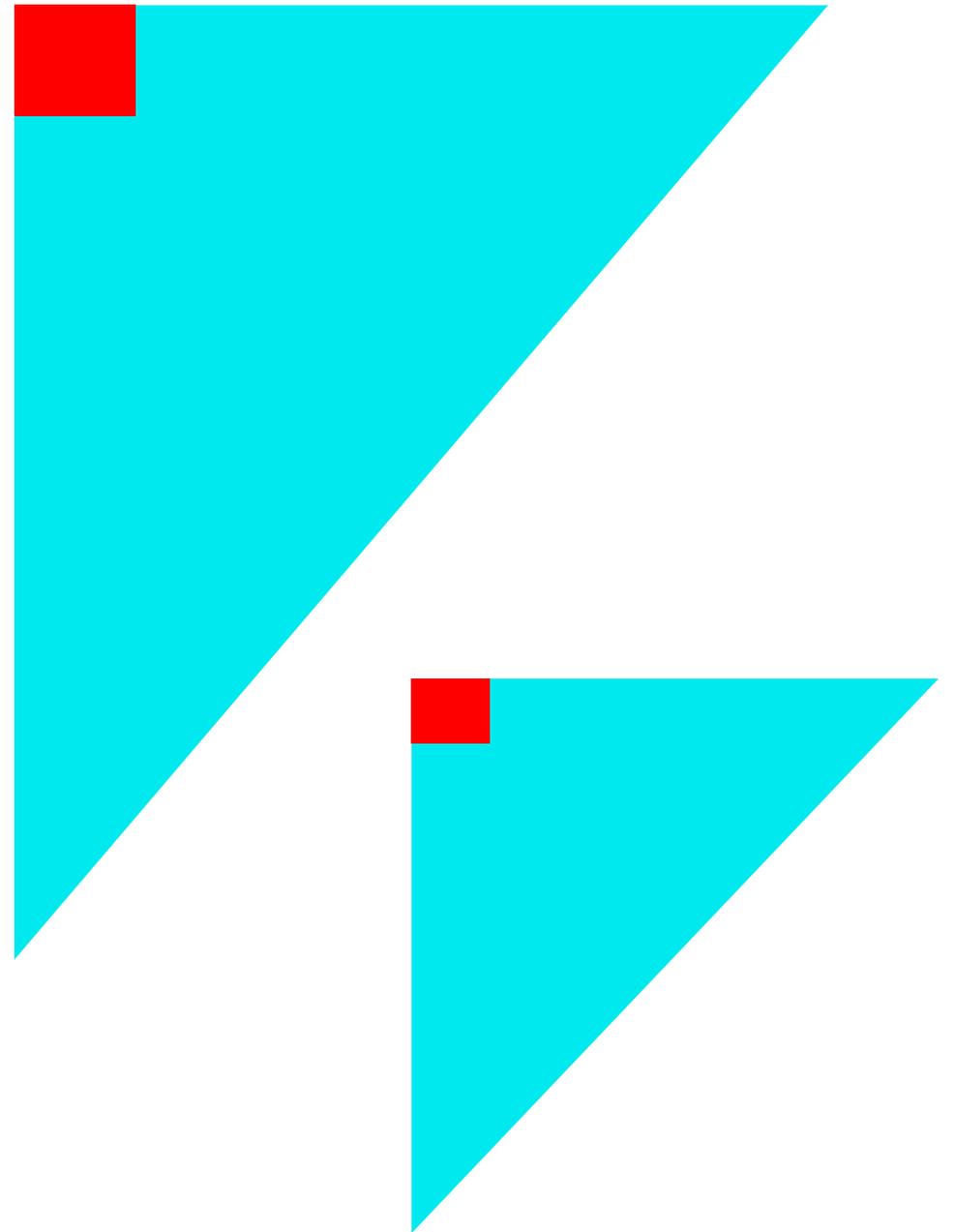


$$\text{AIRE DU RECTANGLE} = \text{LONGUEUR} \times \text{LARGEUR}$$

L'AIRE DU TRIANGLE



$$\text{AIRE DU TRIANGLE} = \frac{A \times H}{2}$$



LE PRESENT DES VERBES

PRONOM PERSONNEL		<i>1^{er} groupe</i>	<i>2^{ème} groupe</i>	<i>3^{ème} groupe</i>
Singulier	JE	- E	- S	- S / - X
	TU	- ES	- S	- S / - X
	IL, ELLE, ON	- E	- T	- T / - D
Pluriel	NOUS	- ONS	- ISSONS	- ONS
	VOUS	- EZ	- ISSEZ	- EZ
	ILS, ELLES	- ENT	- ISSENT	- ENT / - ONT

L'IMPARFAIT DES VERBES

PRONOM PERSONNEL		<i>1^{er} groupe</i>	<i>2^{ème} groupe</i>	<i>3^{ème} groupe</i>
Singulier	JE		- AIS	
	TU		- AIS	
	IL, ELLE, ON		- AIT	
Pluriel	NOUS		- IONS	
	VOUS		- IEZ	
	ILS, ELLES		- AIENT	

LE FUTUR DES VERBES

PRONOM PERSONNEL		<i>1^{er} groupe</i>	<i>2^{ème} groupe</i>	<i>3^{ème} groupe</i>
Singulier	JE		<i>Infinitif</i> + - AI	
	TU		<i>Infinitif</i> + - AS	
	IL, ELLE, ON		<i>Infinitif</i> + - A	
Pluriel	NOUS		<i>Infinitif</i> + - ONS	
	VOUS		<i>Infinitif</i> + - EZ	
	ILS, ELLES		<i>Infinitif</i> + - ONT	

LE PASSE COMPOSE DES VERBES

PRONOM PERSONNEL		<i>1^{er} groupe</i>	<i>2^{ème} groupe</i>	<i>3^{ème} groupe</i>
Singulier	JE	AUXILIAIRE AU PRÉSENT + PARTICIPE PASSE EN - É	AUXILIAIRE AU PRÉSENT + PARTICIPE PASSE EN - I	AUXILIAIRE AU PRÉSENT + PARTICIPE PASSE EN -T, - IS, - U, - I, -É
	TU			
	IL, ELLE, ON			
Pluriel	NOUS			
	VOUS			
	ILS, ELLES			

LE PASSE SIMPLE DES VERBES

PRONOM PERSONNEL		<i>1^{er} groupe</i>	<i>2^{ème} groupe</i>	<i>3^{ème} groupe</i>
Singulier	JE	- AI	- IS	- IS / - INS / - US
	TU	- AS	- IS	- IS / - INS / - US
	IL, ELLE, ON	- A	- IT	- IT / - INT / - UT
Pluriel	NOUS	- ÂMES	- ÎMES	- ÎMES / - ÎNMES / - ÛMES
	VOUS	- ÂTES	- ÎTES	- ÎTES / - ÎNTES / - ÛTES
	ILS, ELLES	- ÈRENT	- IRENT	- IRENT / - INRENT / - URENT

LE PLUS - QUE - PARFAIT DES VERBES

PRONOM PERSONNEL		<i>1^{er} groupe</i>	<i>2^{ème} groupe</i>	<i>3^{ème} groupe</i>
Singulier	JE	AUXILIAIRE À L'IMPARFAIT + PARTICIPE PASSE EN - É	AUXILIAIRE À L'IMPARFAIT + PARTICIPE PASSE EN - I	AUXILIAIRE À L'IMPARFAIT + PARTICIPE PASSE EN -T, - IS, - U, - I, -É
	TU			
	IL, ELLE, ON			
Pluriel	NOUS			
	VOUS			
	ILS, ELLES			

LE PRÉSENT DES VERBES ÊTRE, AVOIR, ALLER

PRONOM PERSONNEL		<i>Être</i>	<i>Avoir</i>	<i>Aller</i>
Singulier	JE / J'	SUIS	AI	VAIS
	TU	ES	AS	VAS
	IL, ELLE, ON	EST	A	VA
Pluriel	NOUS	SOMMES	AVONS	ALLONS
	VOUS	ÊTES	AVEZ	ALLEZ
	ILS, ELLES	SONT	ONT	VONT

L'IMPARFAIT DES VERBES ÊTRE, AVOIR, ALLER

PRONOM PERSONNEL		<i>Être</i>	<i>Avoir</i>	<i>Aller</i>
Singulier	JE / J'	ÉTAIS	AVAIS	ALLAIS
	TU	ÉTAIS	AVAIS	ALLAIS
	IL, ELLE, ON	ÉTAIT	AVAIT	ALLAIT
Pluriel	NOUS	ÉTIONS	AVIONS	ALLIONS
	VOUS	ÉTIEZ	AVIEZ	ALLIEZ
	ILS, ELLES	ÉTAIENT	AVAIENT	ALLAIENT

LE FUTUR DES VERBES ÊTRE, AVOIR, ALLER

PRONOM PERSONNEL		<i>Être</i>	<i>Avoir</i>	<i>Aller</i>
Singulier	JE / J'	SERAI	AURAI	IRAI
	TU	SERAS	AURAS	IRAS
	IL, ELLE, ON	SERA	AURA	IRA
Pluriel	NOUS	SERONS	AURONS	IRONS
	VOUS	SEREZ	AUREZ	IREZ
	ILS, ELLES	SERONT	AURONT	IRONT

LE PASSE COMPOSE DES VERBES ÊTRE, AVOIR, ALLER

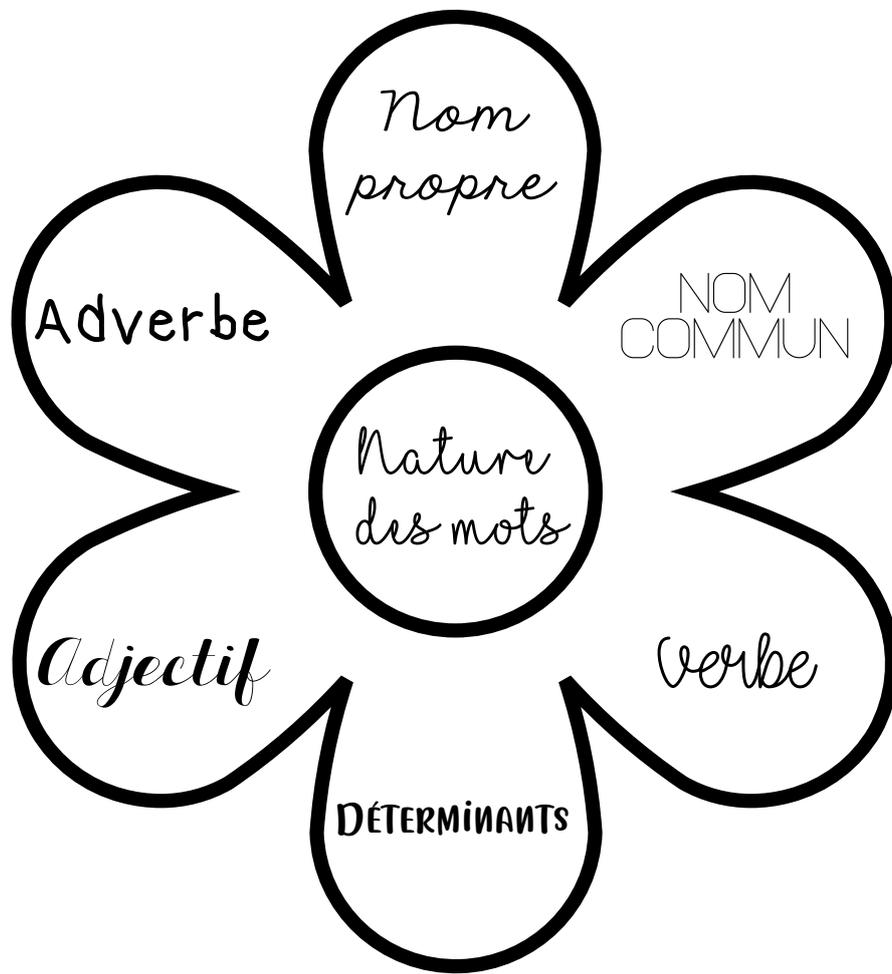
PRONOM PERSONNEL		<i>Être</i>	<i>Avoir</i>	<i>Aller</i>
Singulier	JE / J'	AI ÉTÉ	AI EU	SUIS ALLÉ
	TU	AS ÉTÉ	AS EU	ES ALLÉ
	IL, ELLE, ON	A ÉTÉ	A EU	EST ALLÉ
Pluriel	NOUS	AVONS ÉTÉ	AVONS EU	SOMMES ALLÉS
	VOUS	AVEZ ÉTÉ	AVEZ EU	ÊTES ALLÉS
	ILS, ELLES	ONT ÉTÉ	ONT EU	SONT ALLÉS

LE PASSE SIMPLE DES VERBES ÊTRE, AVOIR, ALLER

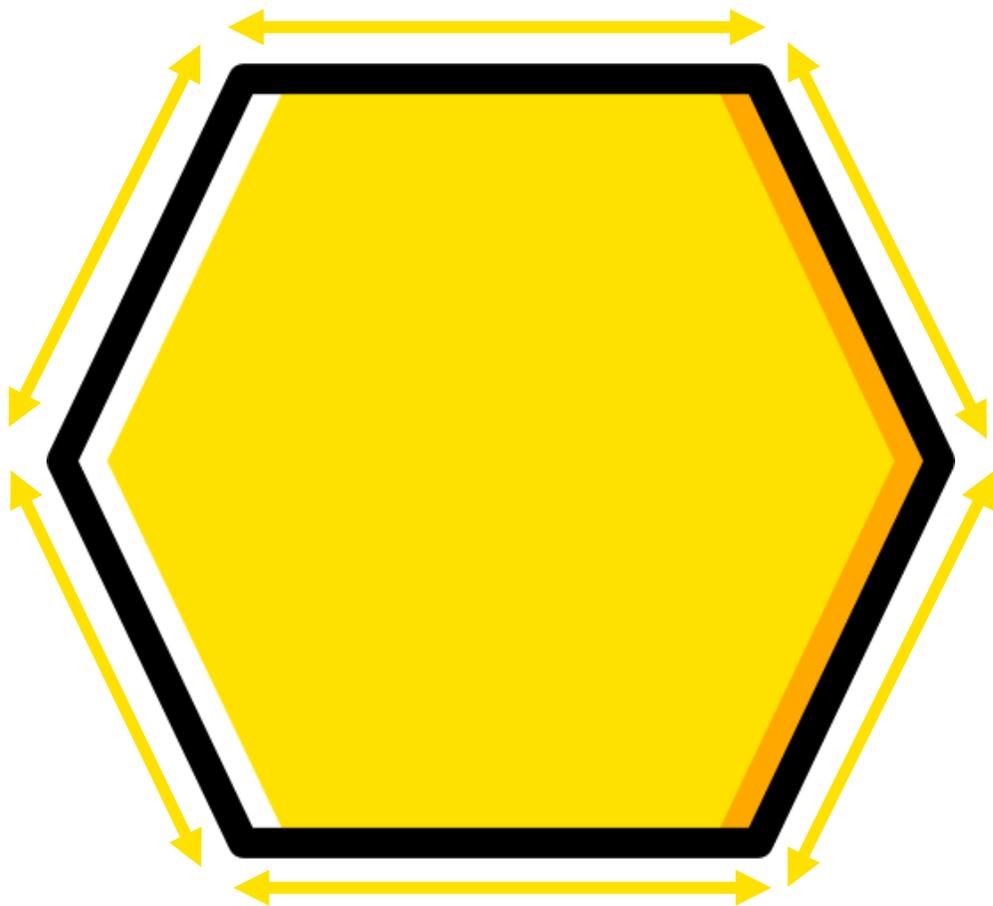
PRONOM PERSONNEL		<i>Être</i>	<i>Avoir</i>	<i>Aller</i>
Singulier	JE / J'	FUS	EUS	ALLAI
	TU	FUS	EUS	ALLAS
	IL, ELLE, ON	FUT	EUT	ALLA
Pluriel	NOUS	FÛMES	EÛMES	ALLÂMES
	VOUS	FÛTES	EÛTES	ALLÂTES
	ILS, ELLES	FURENT	EURENT	ALLÈRENT

LE PLUS — QUE — PARFAIT DES VERBES ÊTRE, AVOIR, ALLER

PRONOM PERSONNEL		<i>Être</i>	<i>Avoir</i>	<i>Aller</i>
Singulier	JE / J'	AVAIS ÉTÉ	AVAIS EU	ÉTAIS ALLÉ
	TU	AVAIS ÉTÉ	AVAIS EU	ÉTAIS ALLÉ
	IL, ELLE, ON	AVAIT ÉTÉ	AVAIT EU	ÉTAIT ALLÉ
Pluriel	NOUS	AVIONS ÉTÉ	AVIONS EU	ÉTIIONS ALLÉS
	VOUS	AVIEZ ÉTÉ	AVIEZ EU	ÉTIEZ ALLÉS
	ILS, ELLES	AVAIENT ÉTÉ	AVAIENT EU	ÉTAIENT ALLÉS

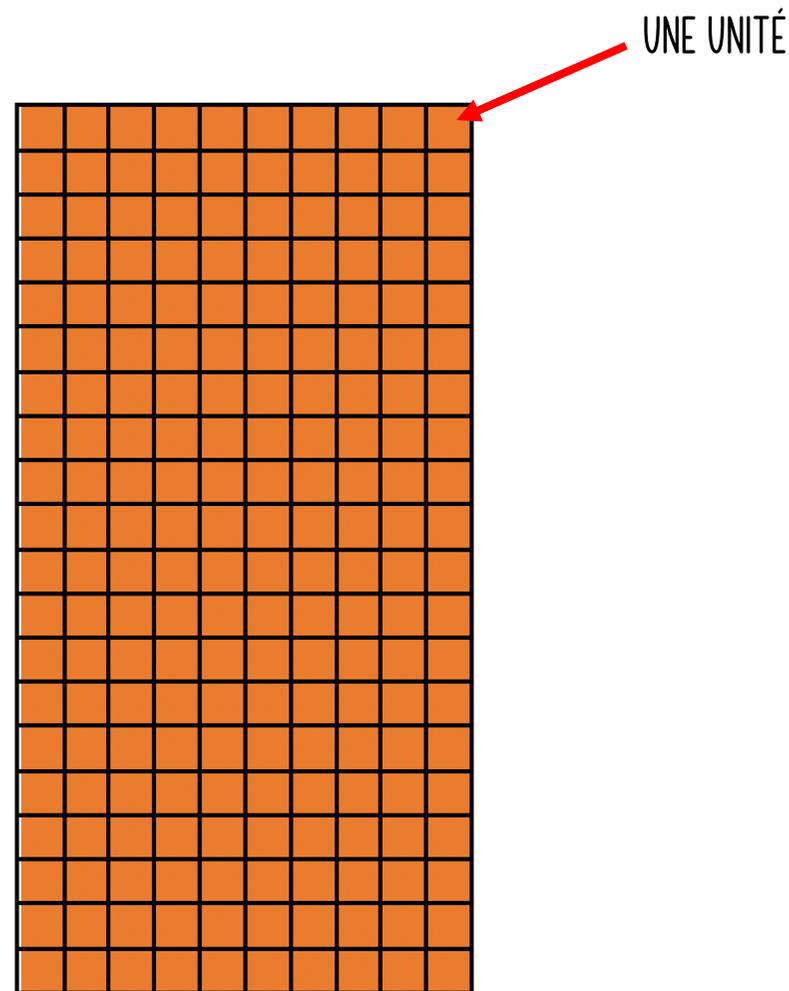


LE PÉRIMÈTRE



C'EST LA LONGUEUR DU CONTOUR D'UNE FIGURE.
ON LE CALCULE EN ADDITIONNANT LES LONGUEURS DE TOUS LES CÔTÉS.

L'AIRE



C'EST LA MESURE DE LA SURFACE D'UNE FIGURE.
ON LA CALCULE EN RECHERCHANT LE NOMBRE D'UNITÉ D'AIRE.