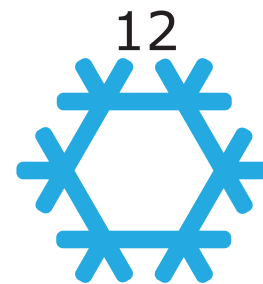
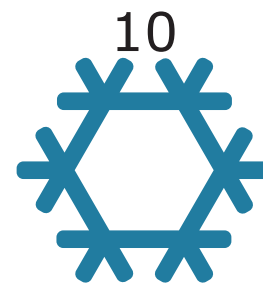
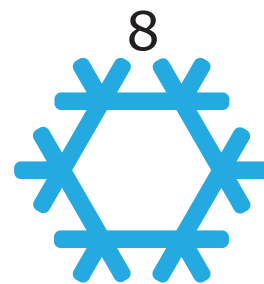
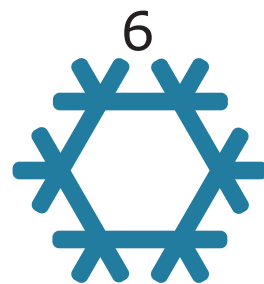
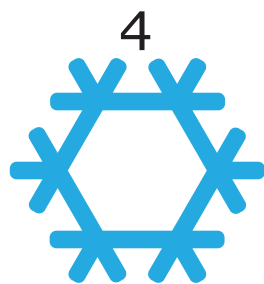
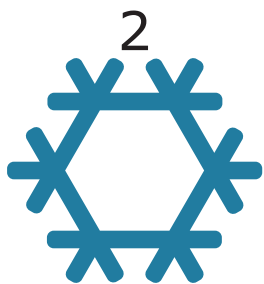
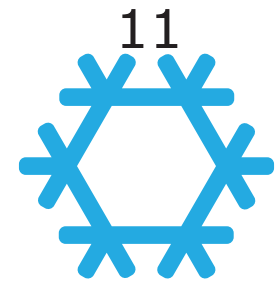
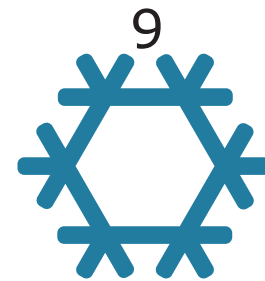
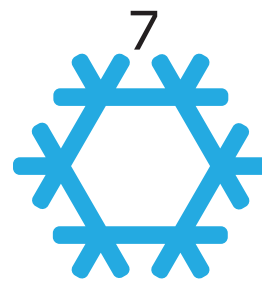
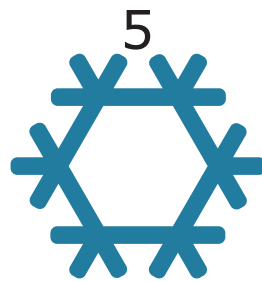
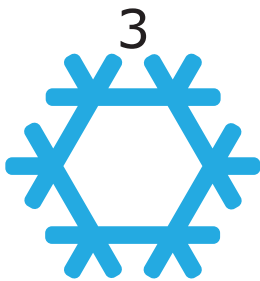
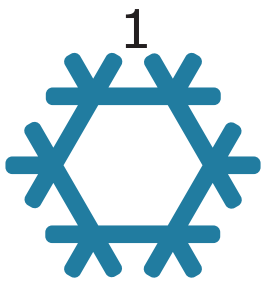




Julekalender: Kringle



Løysingsord: _____



MATEMATIKKSENTERET
Nasjonalt senter for matematikk i opplæringen

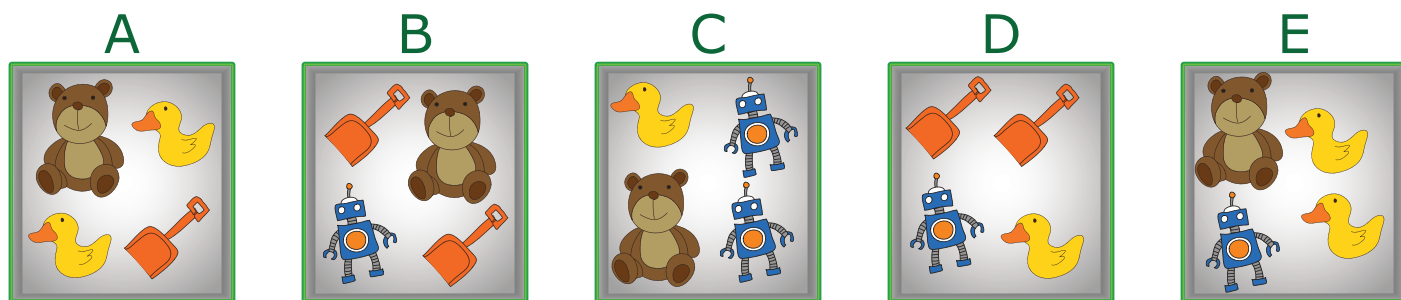


Matematikk.org

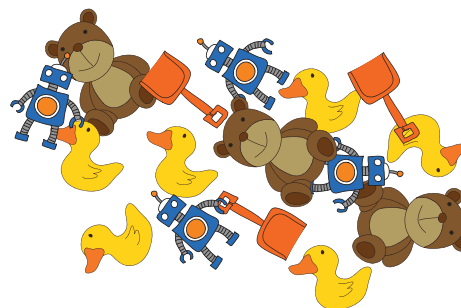




Rudolf pakkar julegåver. Det er fire leikar i kvar eske.



Han mista fire av eskene på golvet:





Kva for ei eske mista Rudolf ikkje på golvet?

A	B	C	D	E
S	K	J	R	M



Julenissen skal gå gjennom labyrinten.
Han går berre gjennom rom
der summen er 7



	$3 + 4$	$1 + 6$	$4 + 2$	$4 + 3$
	$2 + 5$	$2 + 5$	$4 + 3$	$1 + 6$
	$5 + 2$	$6 + 0$	$7 + 0$	$6 + 1$
	$4 + 3$	$2 + 3$	$0 + 7$	$5 + 2$



Kva for ei gåve kjem julenissen til?



E



I



A



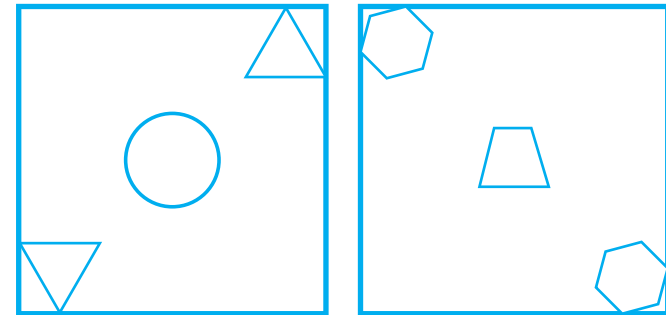
O



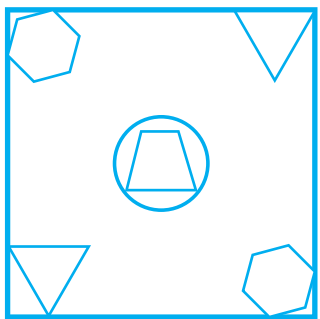
Y



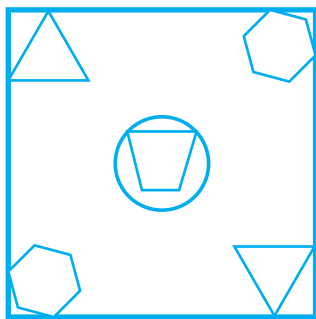
Rudolf har to gjennomsiktige glasplater:
Han legg platene oppå kvarandre
utan å snu dei.



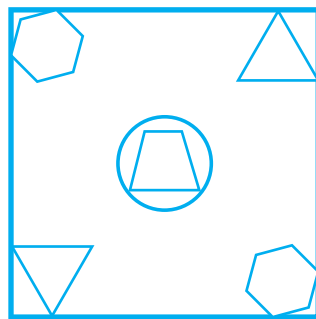
Korleis ser det ut då?



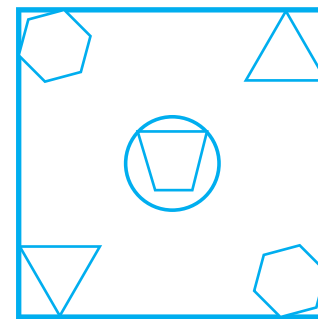
G



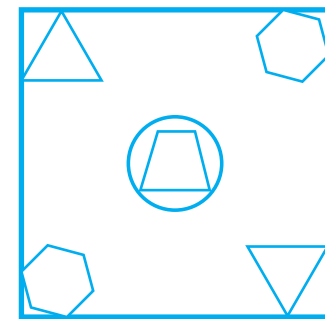
K



N



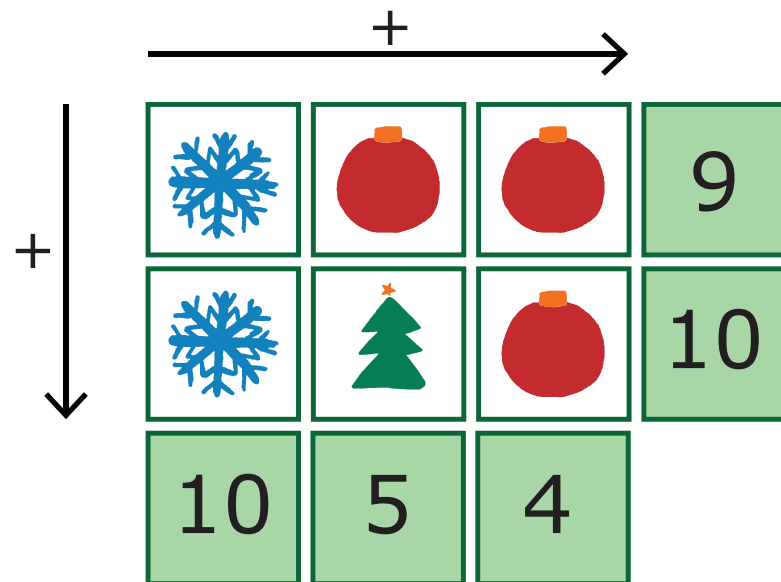
V



P



Kvar figur står for eitt tal.
 Like figurar står for same tal.

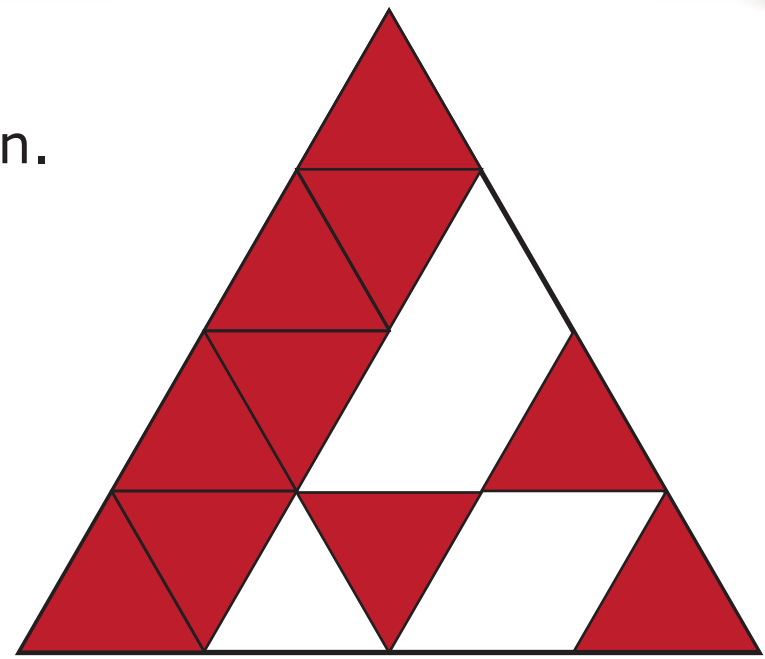


Kva for eit tal står  for?

2	3	4	5
P	E	R	A

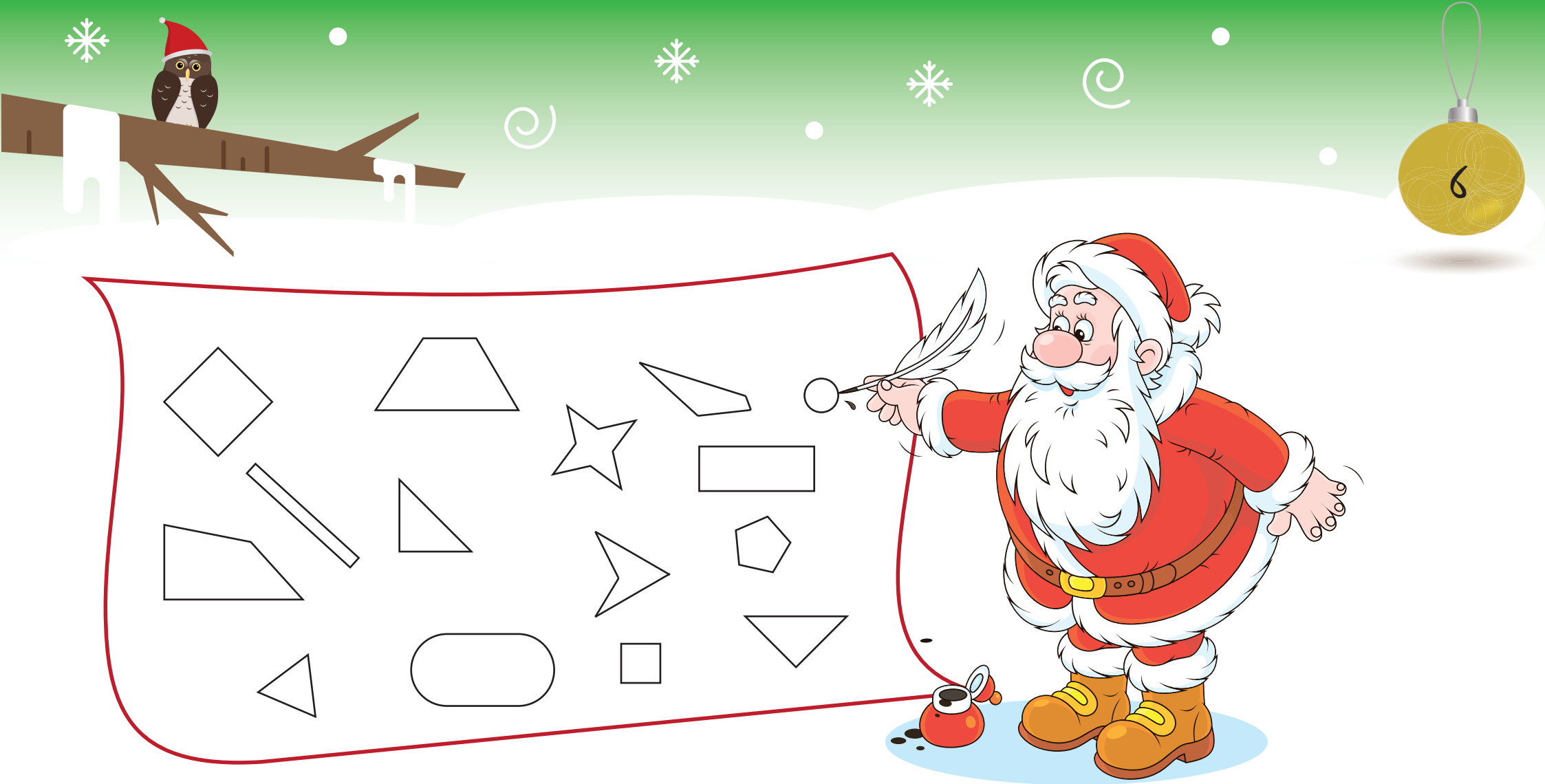


Musa skal gjere ferdig den store trekanten.



Kor mange små raude trekantar manglar?

4	5	6	7
H	T	L	S

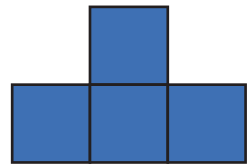


Kor mange firkantar har julenissen teikna?

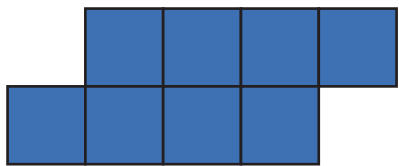
3	7	8	10
P	Y	S	L



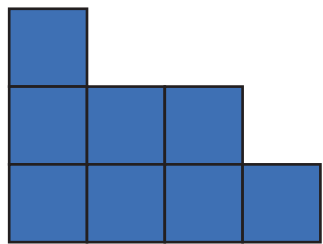
Nissebarna har fleire slike puslebitar:



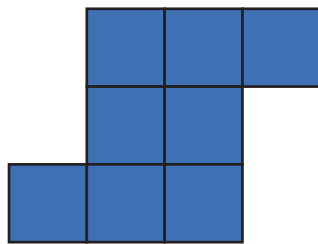
Kva for ein figur kan dei ikkje byggje med bitane sine?



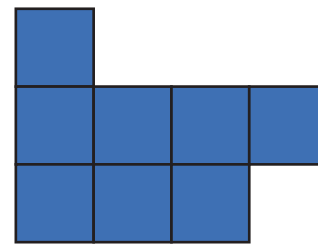
L



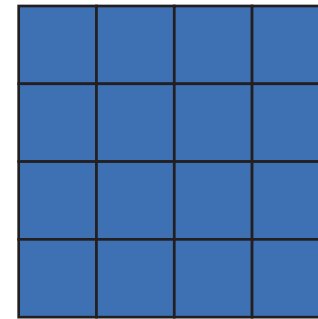
D



W



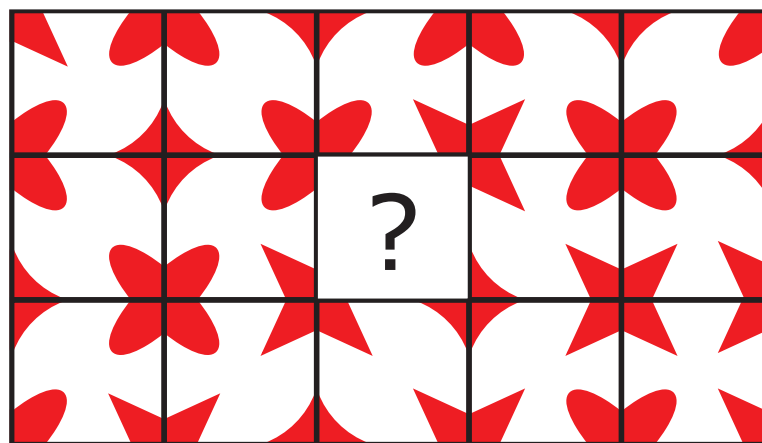
N



U



Kva for ein bit manglar?



A



I



P



U



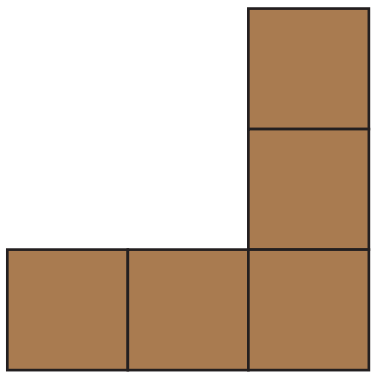
F



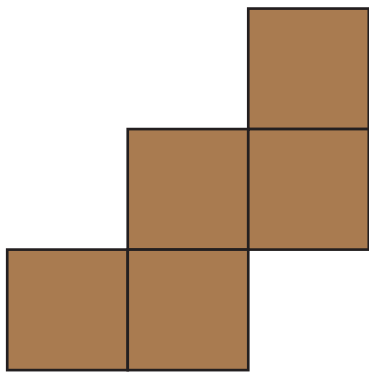
Nissegutten skal leggje ei av brikkene i rutenettet.
Han må velje den brikkasom dekkjer over
tala som til saman gir størst sum.
Han kan ikkje snu eller vri på brikkene.

1	6	7
9	5	4
2	8	3

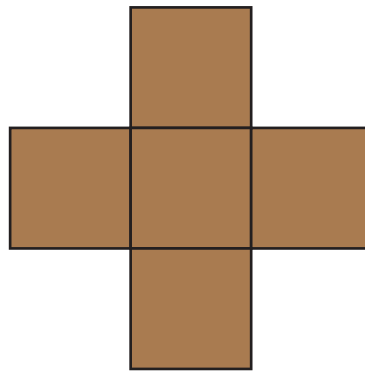
Kva for ei brikke må nissegutten leggje?



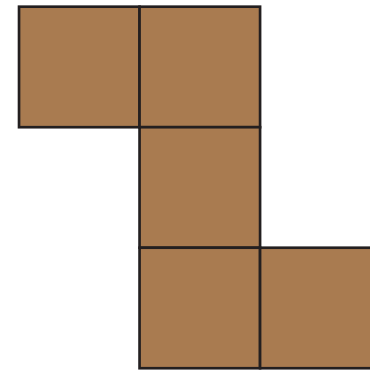
B



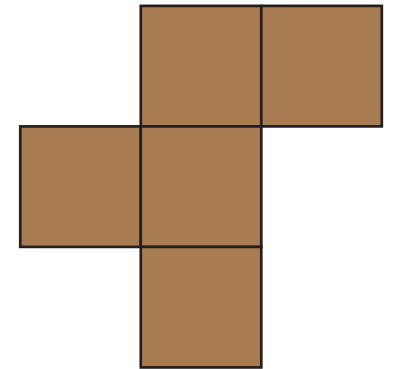
J



Y



A

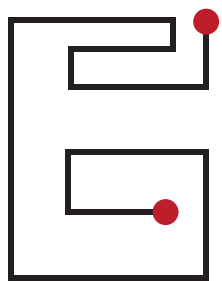


R

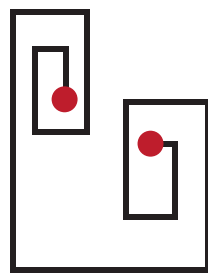


Ein dag julenissen var ute med reinsdyra sine, nekta reinsdyra å svinge til høgre. Dei svinga berre til venstre.

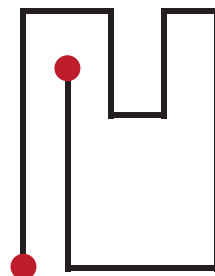
Kva for ei rute kan julenissen ha flogge på denne turen?



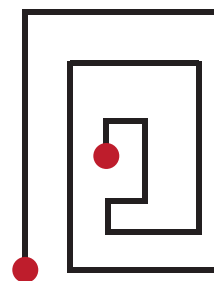
M



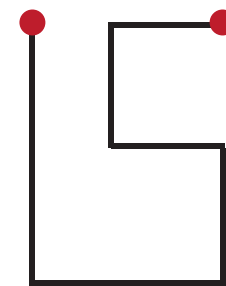
R



D



V



I



Rudolf skal måle desse rutene i eit rutenett:
D1, C3, B5, C1, D4, B1, D5, B3, C5 og D3.

Rute B2 har han allereie fargelagt.



	A	B	C	D	E
1					
2					
3					
4					
5					

Kva for eit tal har Rudolf måla?

2	5	6	8	9
G	A	T	D	H



Siffera 1, 1, 2 og 3 er skrivne på fire kort.



Nissejenta skal lage så mange reknestykke som mogleg ved å bruke tre kort om gongen. Ho må følgje mønsteret nedanfor.

$$\square \square - \square$$



Kor mange ulike svar kan nissejenta få?

6	10	12	24
N	R	E	L