



KÆNGURUEN 2021

Den Lille Kænguru

International matematikkonkurrence for 2. og 3. klassetrin

Opgaver med svar

Procent rigtige ved konkurrencen angivet ved hver opgave.

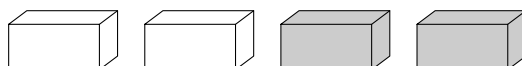
DEL 1

3 point pr. opgave

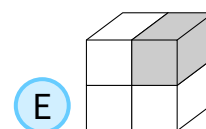
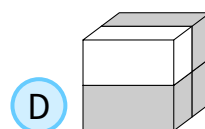
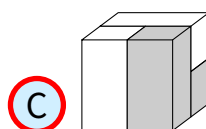
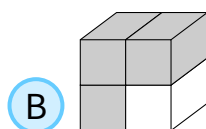
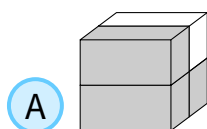
Hjælpemidler: papir og blyant

1 Erik har 4 klodser.

89%

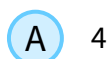
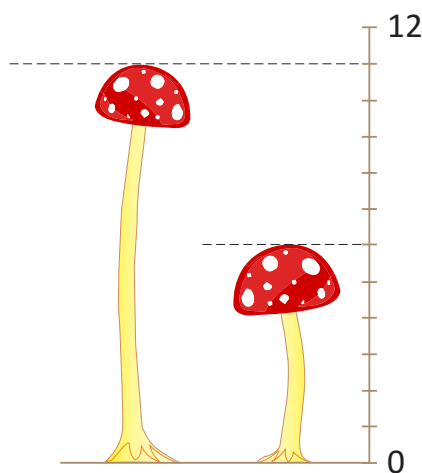


Hvilken kasse kan han bygge med de 4 klodser?



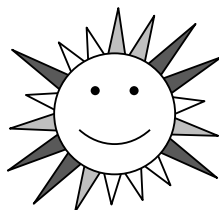
2 Hvad er forskellen på højden af de 2 svampe?

45%



3 Hvilket billede er en del af solen?

65%

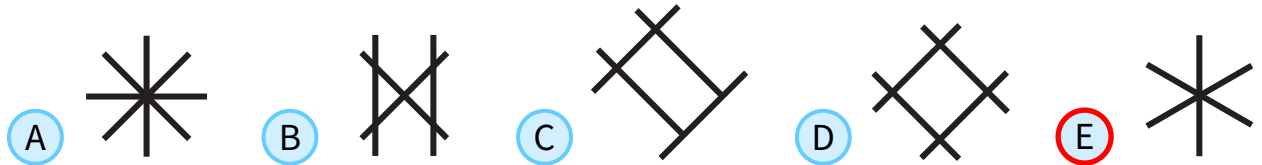




DEL 1 fortsat

- 4 Hvilken figur kan Axel lave med disse 3 stænger?

89%



- 5 Hvordan ser tallet på t-shirten ud i et spejl?

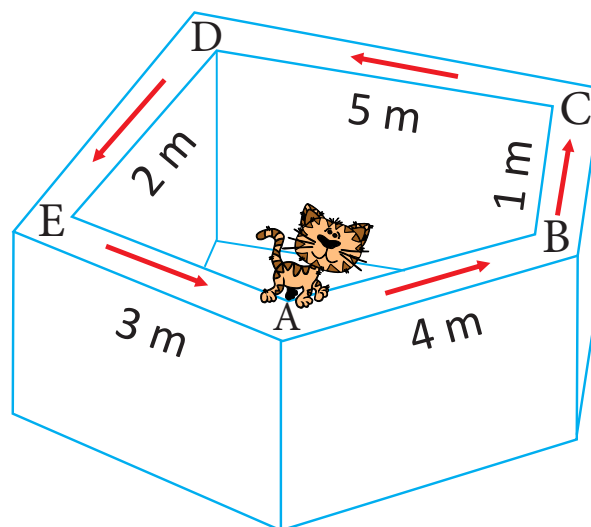
60%



- 6 Katten Rosa starter i A.
Hun følger pilene og går 10 meter.

80%

Hvor ender Rosa?

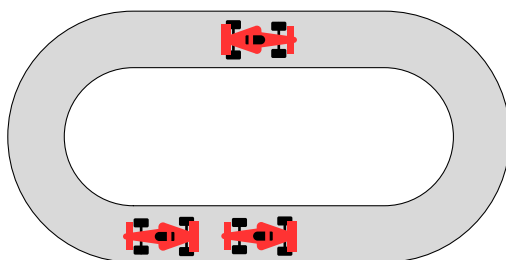




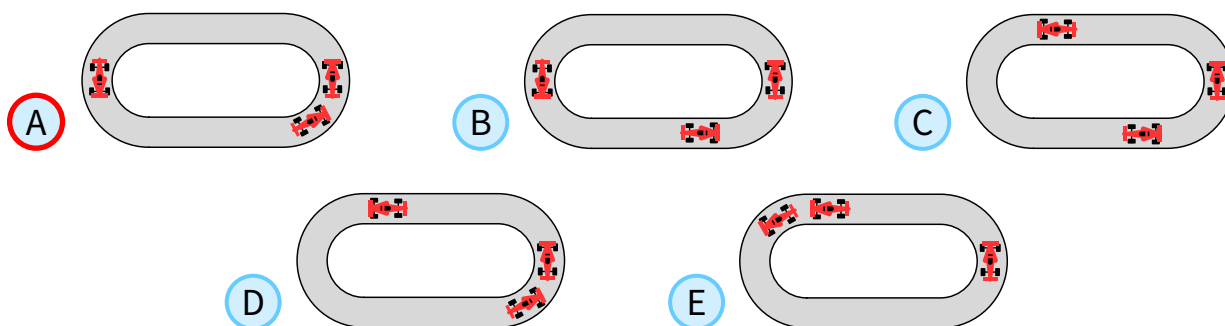
DEL 2 4 point pr. opgave

7 Tre racerbiler kører lige hurtigt:

19%

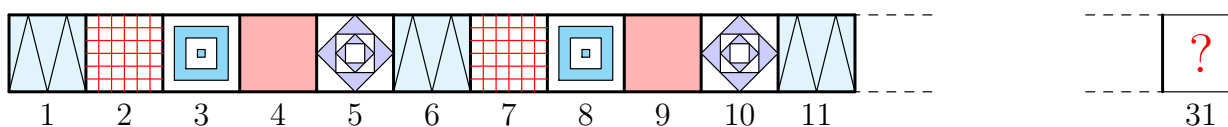


Hvordan ser banen ud et øjeblik senere?



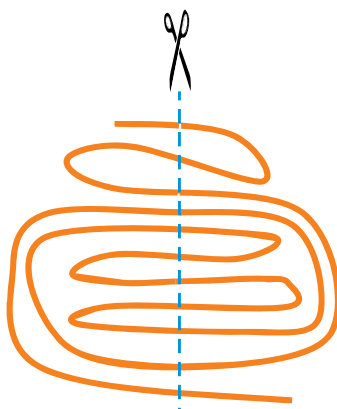
8

50%



9 Alma klipper rebet som vist:

30%



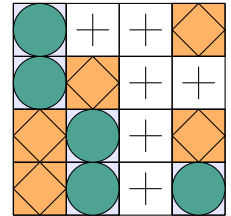
Hvor mange stykker får hun?





10 Hvilken figur kan laves af disse to brikker?

The image shows two 4x4 grids. The left grid has a teal circle in (1,1), a white cross in (2,1), (2,2), and (4,1), an orange diamond in (3,1) and (3,3), and a teal circle in (3,4). The right grid has a teal circle in (1,1), an orange diamond in (2,1) and (2,2), a white cross in (2,4), an orange diamond in (3,1), a teal circle in (3,2), a white cross in (3,3), and a teal circle in (3,4).



skole.
le.





DEL 3 5 point pr. opgave

- 13 De 5 kort skal lægges i to bunker med samme sum.

36%



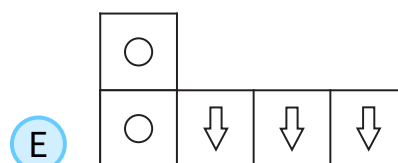
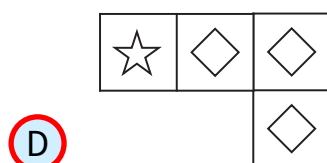
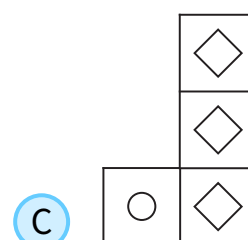
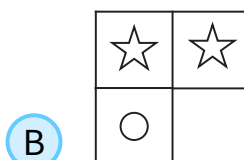
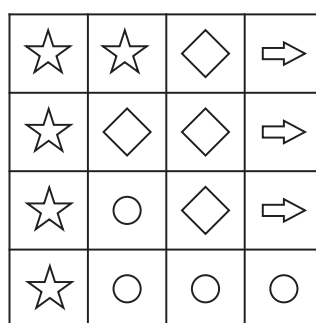
Hvilket kort skal i samme bunke som 4?

- A 2 B 3 C 5 D 6 E 2 eller 3

- 14 Martin bygger dette kvadrat med 4 af de 5 viste brikker.

37%

Hvilken brik bruger han **ikke**?



- 15

30%



- A 10 kg B 12 kg C 13 kg D 15 kg E 18 kg

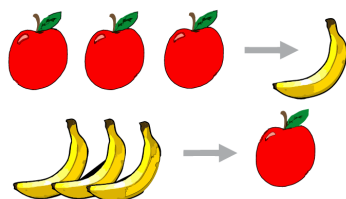




DEL 3 fortsat

- 16** Hver gang en heks ser 3 æbler, forvandler hun dem til 1 banan.
Hver gang hun ser 3 bananer, forvandler hun dem til 1 æble.

25%



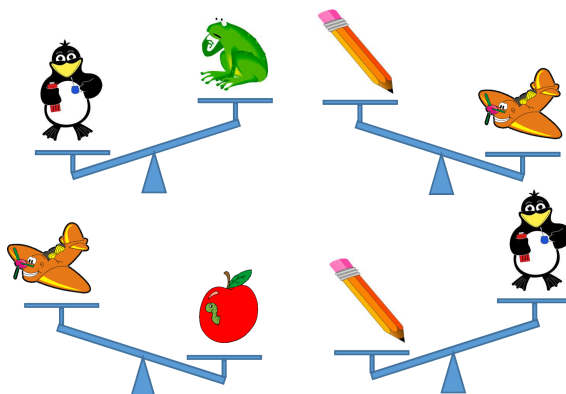
Hun har 4 æbler og 5 bananer. Hvad ender hun med?



- A** **B** **C** **D** **E**

- 17** Hvad vejer mest?

46%



- A** **B** **C** **D** **E**

- 18** Else bruger kvadratet til sin hemmelige kode.
Fx skrives PIZZA i kode som A2 A4 C1 C1 B2.

74%

Hvilket ord skrives i kode som C4 B2 D4 D1?

	A	B	C	D
1	B	K	Z	E
2	P	A	F	H
3	S	M	R	D
4	I	N	T	L

- A** TRIM **B** TRIL **C** TAKT **D** HALE **E** TALE

