



# AEU-2

## Matematik - færdighedsdel.

Grønlandsk udgave

Piffissami nal. Ak./Tidspunkt.: 12.30 – 13.30

Ulloq misilitsiffik/Dato: 12. december 2012

Ikiuutitut atorneqarsinnaasut / Hjælpemidler:

Titartaat, vinkelmåleri aamma passeri / Lineal, vinkelmåler samt passer.

*Misilitsinnerup sivisussusaa / Varighed: Akunneq ataaseq / 1 time*

*Ilitsersuut:*

*Atuartut akissutitik akissutissanut allattuiffissamut allassavaat. Atuartut suliaat/akissutaat censorimut nassinneqassapput.*

Vejledning:

Eleverne skriver deres besvarelser på opgaveforlægget. Opgavesættet med elevernes besvarelse sendes til censor.

Atuartup aqqa / Kursistens navn: \_\_\_\_\_

Cpr. Nr. : \_\_\_\_\_

Piarsersarfik: \_\_\_\_\_

Nakkutilliisup atsiornera / Prøvegagtens navn: \_\_\_\_\_

# Kisitsit aamma algebra

- $65 + 317 =$  \_\_\_\_\_
- $234 - 67 =$  \_\_\_\_\_
- $5 \cdot 694 =$  \_\_\_\_\_
- $216 : 9 =$  \_\_\_\_\_

Kisitsimmut ilivitsumut qaninnermut akunnaallikkit

- $16,87 \approx$  \_\_\_\_\_
- $2\frac{3}{4} \approx$  \_\_\_\_\_

Procenti

- 400 kr.-p 20%-ia tassaavoq \_\_\_\_\_ kr.
- 900 kr.-p 45 kr. \_\_\_\_\_ %-eraa

Naatsorsukkit

- $10^5 - 10^2 =$  \_\_\_\_\_
- $4^3 \cdot 2^5 =$  \_\_\_\_\_

Eqikkakkit

- $3a + 2b + a - 4b =$  \_\_\_\_\_
- $4(3a - b) - 2a =$  \_\_\_\_\_

Assigiissitat kisikkit

- $7x = 42$                        $x =$  \_\_\_\_\_
- $6x + 12 = 42$                  $x =$  \_\_\_\_\_

15.  $14\frac{5}{12} + 5\frac{2}{12} =$  \_\_\_\_\_

16.  $22\frac{4}{6} - 13\frac{1}{2} =$  \_\_\_\_\_

17.  $6\frac{3}{3} + 0,75 =$  \_\_\_\_\_

Naatsorsukkit

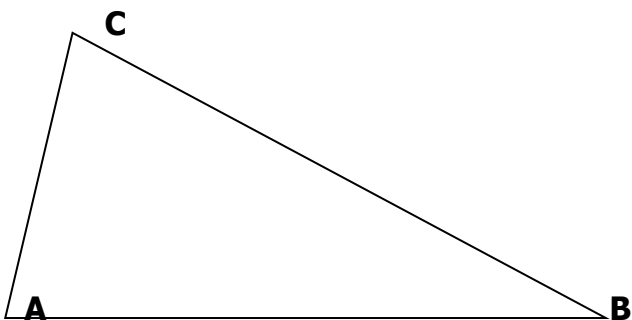
- $11 - 3 \cdot 2 =$  \_\_\_\_\_
- $30 : 5 - 4 =$  \_\_\_\_\_

20. Kisitsit tullerriani amigaataasoq allaguk

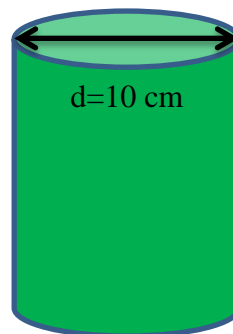
0    12    \_\_\_\_\_    36    48

- $5,5 + 3\frac{1}{4} =$  \_\_\_\_\_
- $2 \cdot 3\frac{3}{4} =$  \_\_\_\_\_
- 1000-ip  $\frac{1}{8}$  -ia  $=$  \_\_\_\_\_

# Geometrii



- Qiverneq C \_\_\_\_\_ °-uvoq
- Trekant ABC-mi portussuseq ataaseq titaruk.



$$V = \pi \cdot r^2 \cdot h$$

$$O = 2 \cdot \pi \cdot r$$

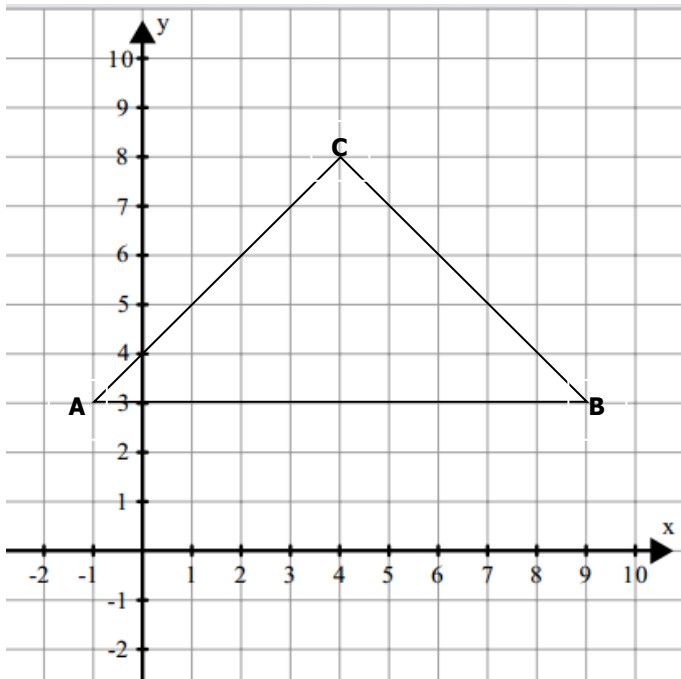
$h=20$  cm

- Iluseq ateqarpoq \_\_\_\_\_
- Ilutsip kaajallannera O \_\_\_\_\_ cm-iuvoq
- Ilutsip initussusia V tassaavoq \_\_\_\_\_  $\text{cm}^3$

# Geometrii

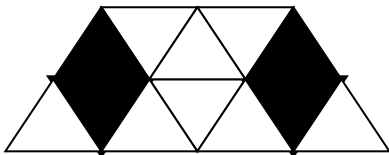
$$60 = \frac{4 \cdot 5 \cdot 3}{z}$$

29.  $z =$  \_\_\_\_\_ cm



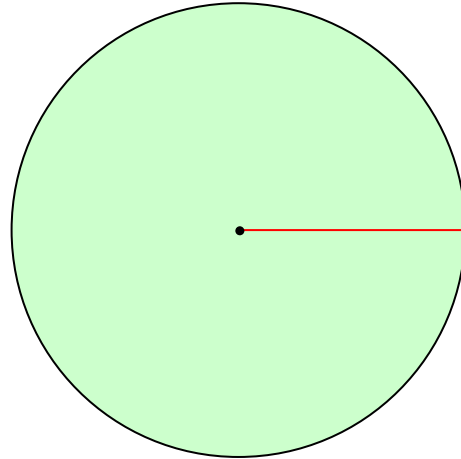
30. B-p nalerai tassaapput ( \_\_\_\_\_ , \_\_\_\_\_ )

31. Trekant ABC-p annertussusia = \_\_\_\_\_ cm<sup>2</sup>



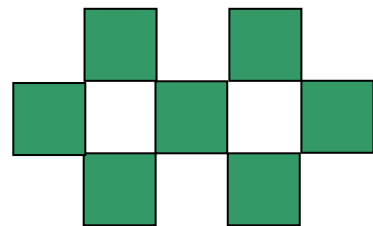
32. Ilutsip qasserarterutaa qaqortuua? \_\_\_\_\_

33. Qalipannera nangiguk, ilutsip 2/4-ia qalipaateqartilerlugu



34. Cirkelip radiusia \_\_\_\_\_ cm-iuvoq

35. Cirkeli angeqqatigiinnut pingasunut aviguk.



Titartakkami issoqqaarissut qorsuit arfineq-marluk kaajallallugit katillugu 84 cm-iuvoq.

36. Issoqqaarissup ataatsip sinarsua \_\_\_\_\_ cm-iuvoq

# Matematikkip atuuffii



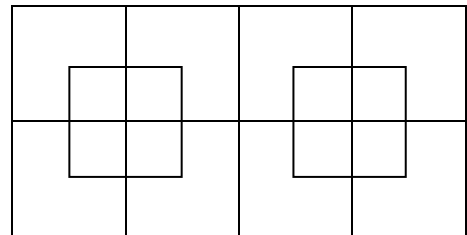
Diagrammiipput ulluni 7-ni kissassutsit:

Ataa.	Marl.	Ping.	Sisa.	Tall.	Arf.	Sap.
2,3°	1,6°	0,0°	-0,8°	-0,1°	0,7°	-0,2°

40. Agguaqatigiissillugu kissassuseq \_\_\_\_\_°-uvoq

37. Akikillineqanngikkallaramik qillertusatsisamat akeqarput \_\_\_\_\_ kr.

38. Akikillineqareerluni qillertusaq ataaseq akeqarpoq \_\_\_\_\_ kr.



41. Titartakkami issoqqaarissut qassiuppat? \_\_\_\_\_



Pære una 1600 tiimini ikumasinnaavoq.

Maannamut tiimit 25%-ii atoreerpai.

39. Pære ikumasinnaavoq suli \_\_\_\_\_ tiimini