



AEU-2

MATEMATIK KISITSIGASUARNEQ FÆRDIGHEDSREGNING AUGUST 2016

Piffissami nal. ak. / Tidspunkt:

13.00 – 14.00

Ulloq misilitsiffik/Dato:

Sisamangorneq / torsdag den 11. august 2016

Ikiutitut atorreqarsinnaasut / Hjælpemidler:

Lineal
Passer
Vinkelmåler
Ordbøger

Misilitsinnerup sivisussusaa / Varighed:

Akunneq ataaseq / 1 time

Atuartup aqqa / Elevens navn:

Cpr. nr. :

Piareersarfik:

Nakkutilliisup atsiornera / Prøvevagtens navn:

Piffissaq tunniussiffik / Tidspunkt for aflevering:

Kisitsit aamma algebra

1. $3981 + 648 = \underline{\hspace{2cm}}$
2. $836 - 239 = \underline{\hspace{2cm}}$
3. $38 \cdot 8 = \underline{\hspace{2cm}}$
4. $9018 : 6 = \underline{\hspace{2cm}}$

Ataatsimik decimalilerlugit akunnaallikkitt

5. $645,149 = \underline{\hspace{2cm}}$
6. $6,448 = \underline{\hspace{2cm}}$

Procent-it

7. 620 kr.-p 15 %-ia = _____ kr.
8. 25 øre 1 krone-p = _____ %-eraa

Allanngorlugit allaqqikkitt

9. 6,035 km = _____ m
10. $25 \text{ m}^2 = \underline{\hspace{2cm}} \text{ dm}^2$
11. 205 dl = _____ l

Eqikkaagit

12. $7a + 4 - a = \underline{\hspace{2cm}}$
13. $3 \cdot (a^2 - b) + 2b = \underline{\hspace{2cm}}$

Assigiissitat kisikkitt

14. $4x - 2 = 18$ $x = \underline{\hspace{2cm}}$
15. $x^2 = 49$ $x = \underline{\hspace{2cm}}$

Naatsorsukkit

16. $\frac{3}{9} + \frac{6}{9} = \underline{\hspace{2cm}}$
17. $\frac{1}{3} - \frac{1}{4} = \underline{\hspace{2cm}}$
18. $14 \cdot \frac{3}{7} = \underline{\hspace{2cm}}$
19. $12 : \frac{3}{4} = \underline{\hspace{2cm}}$

Naatsorsukkit

20. $5^3 - 3 \cdot 5 = \underline{\hspace{2cm}}$
21. $\sqrt{36} : 3 = \underline{\hspace{2cm}}$

Kisitsit annersaat ammalortuleruk

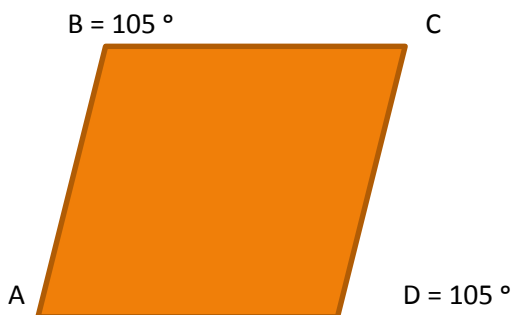
22. $7 \text{ } 6,5 \text{ } \frac{100}{16} \text{ } 2^3$

Allanngorlugit kisikkitt

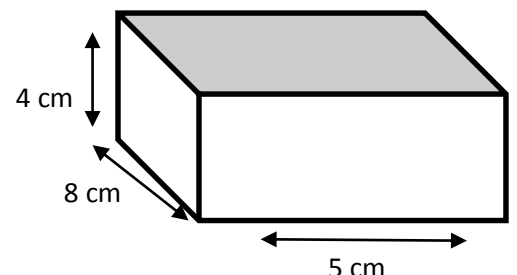
23. $2\frac{1}{4}$ minutsit = sekundit _____
24. Sapaatip akunnera = akunnerit _____

Geometrii

Aana parallelogram-i

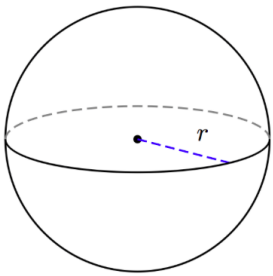


25. Qiverneq A tassaavoq _____ °
26. Parallogram-ip diagonaalii titakkitt



27. Qasertup qivernerit katillugit _____ °-upput
28. Karsip qaavata tamarmi annertussusaa _____ cm^2 -iuvoq
29. Karsip imartussusaa _____ cm^3 -iuvoq

Geometrii



30. Iluseq taaneqartarpoq _____

Ilutsip qaavata annertussusaa
 $A = 96 \text{ cm}^2$
 $\pi = 3$

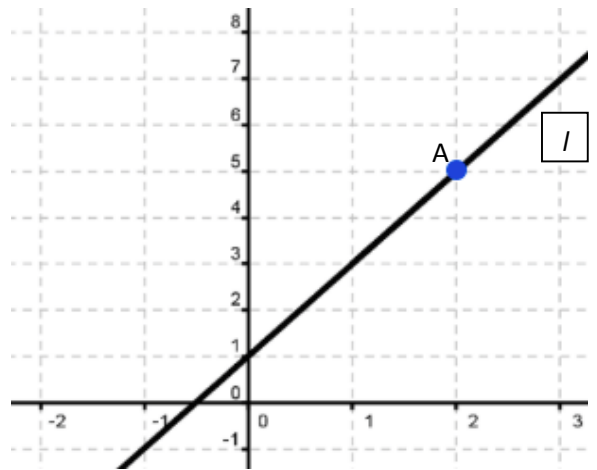
$$r = \sqrt{\frac{A}{4 \cdot \pi}}$$

Cirkelip kaajallannera:

$2 \cdot \pi \cdot r$

31. Radius r -ip takissusaa _____ cm-iuvoq

32. Cirkelip kaajallalluni takissusaa _____ cm-iuvoq



33. Toorneq A-p naleraí tassaapput (__ , __)

34. Toorneq B (-½ , 0)-mik naleralik inissiguk

35. Titarneq / y-akse-kkut tarrariissiguk.

Matematikkip atuuffii

Aana immeraat 1-imiit 20-p tungaanut kisitsisitalik



36. Periarnermi ataatsimi 9-p makinnissaata ilimanassusaa _____ -iuvoq

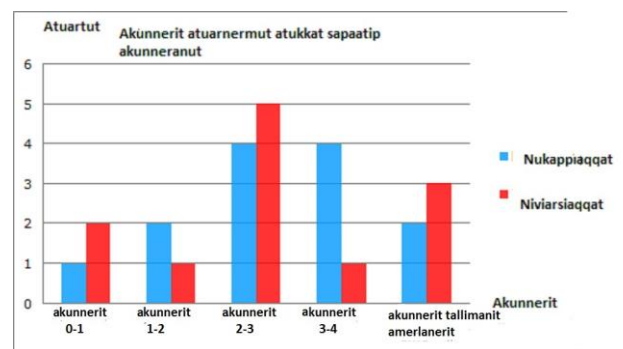
37. Terningimik periarnermi kisitsisip akunnaatsup makinnissaa ilimanassuseqarpoq _____

Ammasarfiit

- Ataasinngorneq 09-16
- Marlunngorneq 12-17
- Pingasunngorneq 12-17
- Sisamannngorneq 12-17
- Tallimannngorneq 12-17
- Arfininngorneq 10-12

38. Ammasarfii katillugit akunnerit _____ -upput

Atuarneq



39. Atuartut sorliit atuarneruppat? _____

40. Atuartut tamarmik piffissaq agguaqatigiissillugu atugaat katillugit akunnerit _____ -upput