

MA.1

A

Dumber e variabla

Operar e numnar

3. Las scolaras ed ils scolars san adir, subtrahar, multiplitgar, divider e potenziar.
renviaments
AS - Connexs e regularitads [5]

MA.1.A.3

Las scolaras ed ils scolars ...

1			
	a	» san dublegiar, smesar, adir e subtrahar en il dumber da spazis fin 20 senza dumbrar.	
2	b	» san adir e subtrahar senza transport dal diescher fin 100 senza dumbrar (p.ex. $35 + 13$). » san cumpletar sin il proxim diescher. » san dublegiar (dumbers da 5 e da 10) e smesar (dumbers da 10) fin 100. » san divider dumbers da duas cifras en dieschers ed iners (p.ex. 25 en dus dieschers e tschintg iners).	
	c	» san dublegiar, smesar, adir e subtrahar en il spazi da dumbers fin 100. » enconuschan products dal pitschen amulain cun ils facturs 2, 5 e 10. » san divider products dal pitschen amulain en facturs (p.ex. $36 = 6 \cdot 6 = 4 \cdot 9$).	
	d	» san inditgar vias da far quint per adir e subtrahar sco era controllar resultats. » san adir e subtrahar en scrit. » enconuschan ils products dal pitschen amulain.	
	e	» san adir e subtrahar a chau dumbers fin 4 cifras (p.ex. $320'000 + 38'000$; $402 + 90$). » san multiplitgar dumbers da fin a 4 cifras (a chau u cun inditgar atgnas vias da far quint, p.ex. $45 \cdot 240$). » san divider dumbers natirals cun divisurs d'ina cifra (a chau u cun inditgar atgnas vias da far quint, p.ex. $231 : 7$).	
3	f	» san adir e subtrahar dumbers decimals da fin a 5 cifras (a chau u cun inditgar atgnas vias da far quint, p.ex. $30.8 + 5.6$). » san scursanir, schlargiar, adir e subtrahar fracziuns cun ils numnaders 2, 3, 4, 5, 6, 8, 10, 20, 50, 100 cun agid dal rectangul. » san far operaziuns da basa cun il calculatur.	
	g	» san multiplitgar dumbers decimals da fin a 5 cifras e controllar ils resultats (a chau u cun inditgar atgnas vias da far quint, p.ex. $308 \cdot 52$; $12 \cdot 0,3$). » san multiplitgar fracziuns cun ils numnaders 2, 3, 4, 5, 6, 8, 10, 20, 50, 100 cun agid dal rectangul. » san scriber fracziuns cun ils numnaders 2, 3, 4, 5, 6, 8, 10, 20, 50, 100 sco dumbers decimals. » san inditgar quantas giadas che fracziuns da tschep èn cuntegnidas en dumbers entirs (p.ex. Quantas giadas è $\frac{1}{5}$ cuntegni en $2 \rightarrow 2 : \frac{1}{5}$).	
	h	» san far quintes da pertschiens cun il calculatur. » amplificaziun: san decumponer dumbers natirals en facturs primars.	
3	i	» san far las operaziuns da basa cun dumbers raziunals. » san calcular ragischs e potenzas cun il calculatur (p.ex. $4^3 \cdot 4^3 = 4'096$; $4^3 + 4^3 = 128$; $\sqrt[3]{8000}$). » amplificaziun: san far las operaziuns da basa cun fracziuns ordinarias cun variablas ed alura inserir dumbers: $\frac{a+c}{b+d}$; $\frac{a-c}{b-d}$; $\frac{a}{b} \cdot \frac{c}{d}$; $\frac{a}{b} : \frac{c}{d} = \frac{a}{b} \cdot \frac{d}{c}$.	
	j	» san transformar e calcular terms cun potenzas e ragischs quadratas (p.ex. $\sqrt{2} + \sqrt{2} = 2\sqrt{2} = \sqrt{8}$; $\sqrt{2^3} \cdot \sqrt{3} = \sqrt{24} = 2\sqrt{6}$). » san adir, subtrahar, multiplitgar, divider dumbers en scripziun scientifica.	