

**La porta della didattica per:**

*genitori, docenti, educatori, bambini e ragazzi*

*Collana di quaderni, schede, libri per una didattica attiva e di sviluppo  
a cura di Vincenzo Riccio*



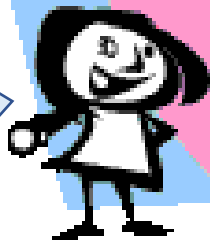
Riferimenti: [www.fantasiaweb.it](http://www.fantasiaweb.it)

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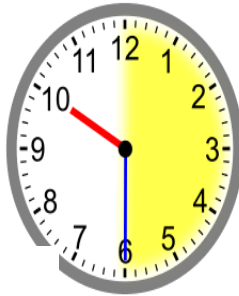
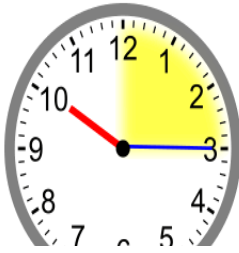


TU CHE AMI LA MATEMATICA MI SAI DIRE A CHE SERVE STUDIARE LE FRAZIONE, IO NON LE USO MAI.

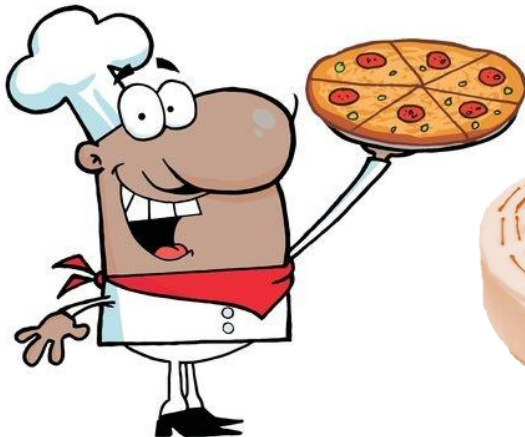


NONOSTANTE CHE NON AMI LA MATEMATICA IO AMO TE, PICCOLO BISCOTTINO.

LE FRAZIONI, CARA BISCOTTINO, LE USI TUTTI I GIORNI, IN OGNI MOMENTO DELLA GIORNATA. GUARDA.



QUANDO SI GUARDA L'ORA E SI DICE: LE 10 E UN QUARTO. LE 10 E MEZZA, LE 10 E TRE QUARTI.



QUANDO SI MANGIA UNA PIZZA, O UNA TORTA. SI DIVIDE IN TANTE PARTI QUANTE SONO LE PERSONE CHE LA DEVONO MANGIARE



QUANDO GIOCA E SI DANNO DELLE FIGURE. «NEO 60 IO TE NE DO 15» ANCHE QUESTA È UNA FRAZIONE, UNA DIVISIONE.



QUANDO DIVIDONO LE MELE A TAVOLA, O DIVIDI UNA MELA A METÀ, O IN QUATTRO PARTI SE SEI CON 4 AMICI.



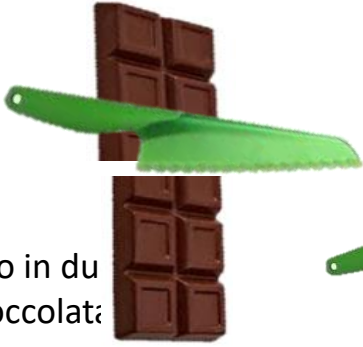
MA ANCH QUANDO DICI A UNA TUA COPAGNA: «MI DAI UN PEZZETTINO DI PIZZA?»

# Mo' te fratto.

## FRAZIONI



Divido in due  
La cioccolata



Divido in due  
La mela

Divido in due  
Il legno

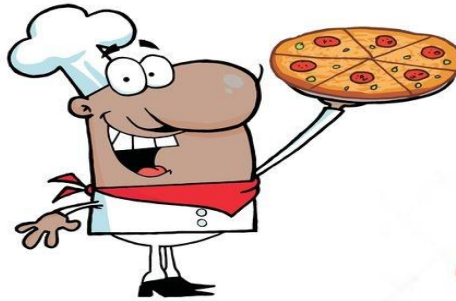


**FRATTO VUOL DIRE DIVISO,  
DIVISO!.**

**Fare una frazione significa  
dividere qualche cosa**, come una  
pizza, una torta, ma pure dei soldi.

**FRAZIONARE VUOL DIRE**

**DIVIDERE IN PARTI**



Divido in 6 parti



Divido 10 EURO  
in 2 parti

**UNA PIZZA,**

**UNA TORTA,**

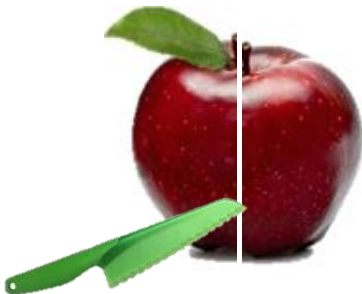
**UNA MELA,**

**DEI SOLDI,**

**UN NUMERO.**



Divido in 4 parti



Divido in due  
La mela

# 12

Divido 12 in 4 parti





Allora fare una frazione significa dividere una pizza, una torta, ma anche dei soldi, in un certo numero di parti, 2, 3, 4, 6, 10.



Ho questa pizza la divido in 6 parte

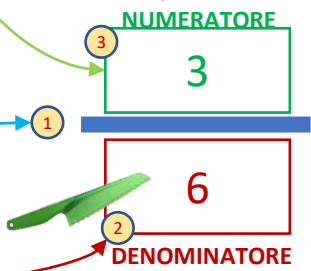


IO NE MANGIO 3 SESTI

3) Scivo sopra Quante parti ne prendo



1) Disegno prima la Linea di divisione, di frazione

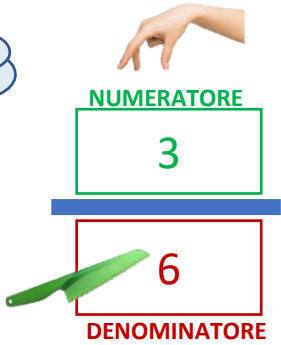


2) Scivo sotto In quante parti UGUALI divido tutta la pizza lo scrivo sotto:



Mi sai dire quanti pezzi di pizza restano a te? Scrivilo

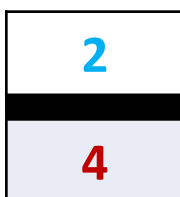
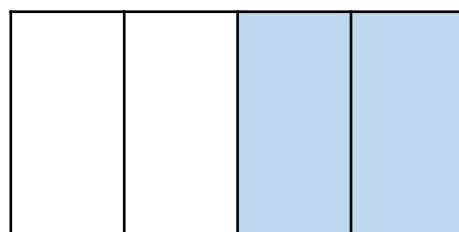
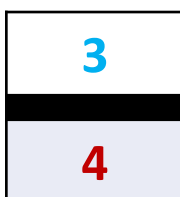
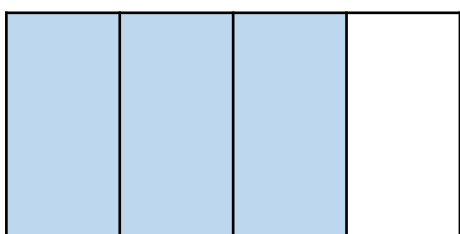
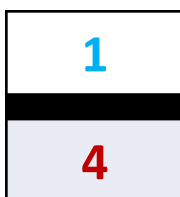
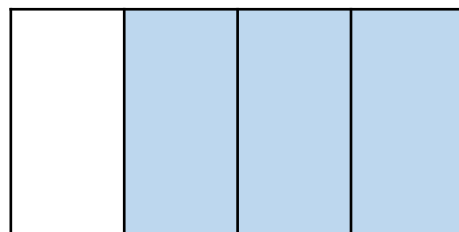
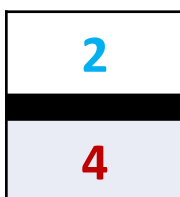
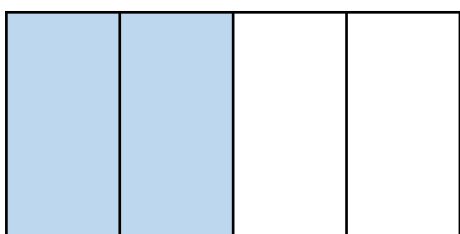
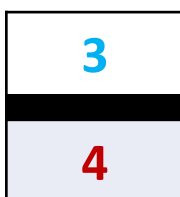
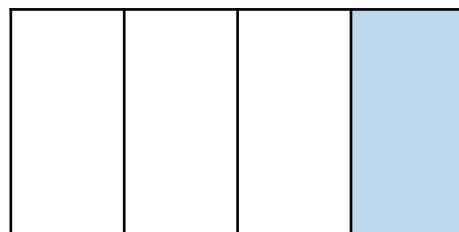
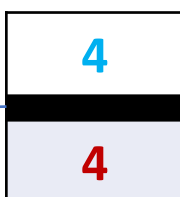
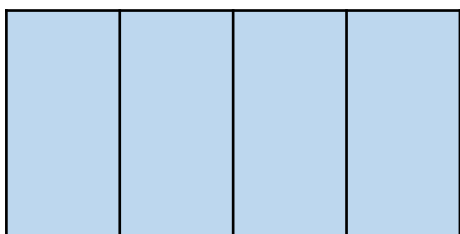
3 sest pure io.





QUALCHE PROVA PER CAPIRE MEGLIO LE FRAZIONI.

Ogni rettangolo è stato diviso in 4 parti, in 4 frazioni.  
Unisci la frazione giusta al rettangolo corrispondente

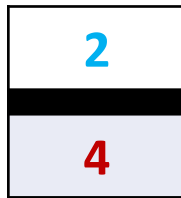
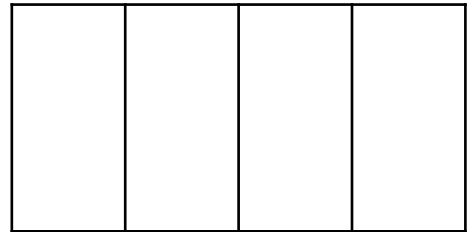
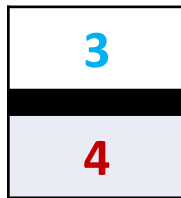
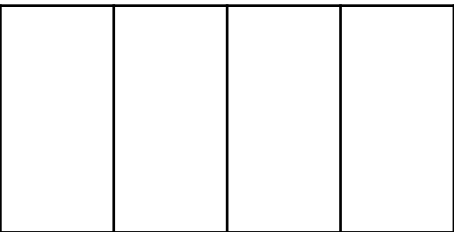
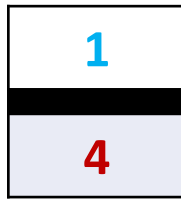
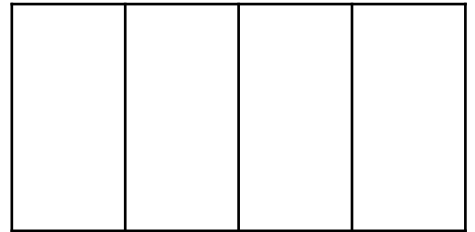
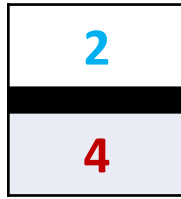
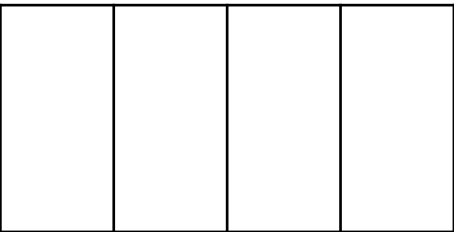
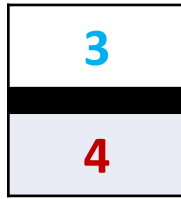
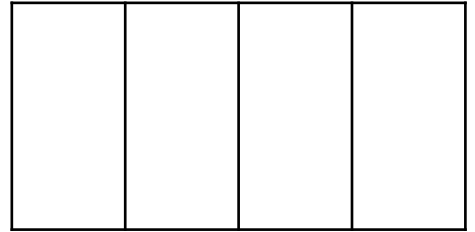
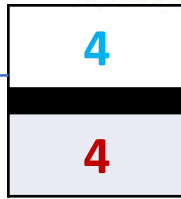
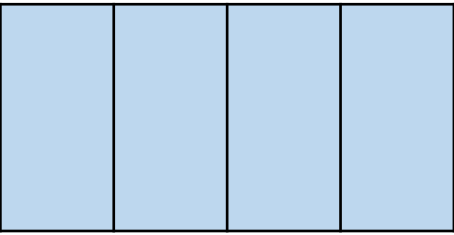




QUALCHE PROVA PER CAPIRE MEGLIO LE FRAZIONI.

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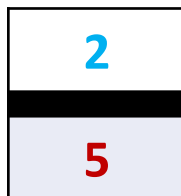
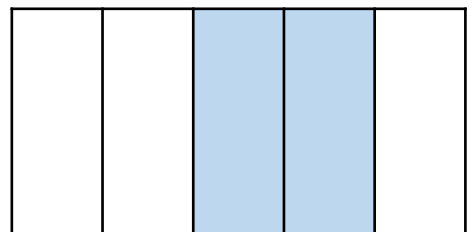
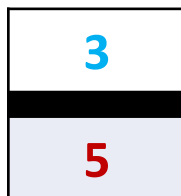
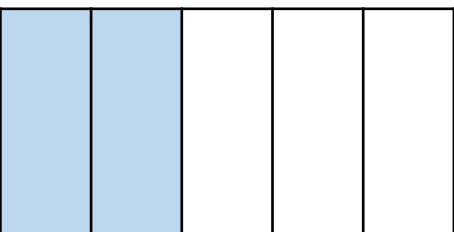
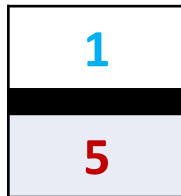
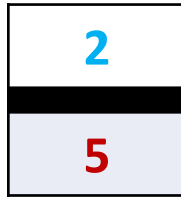
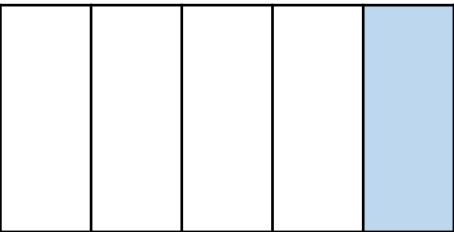
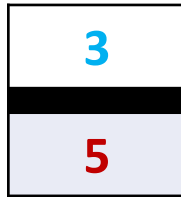
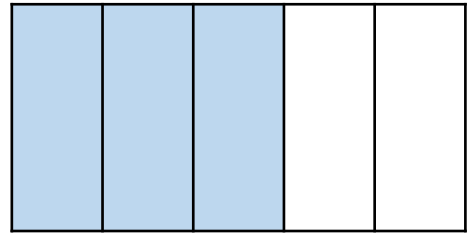
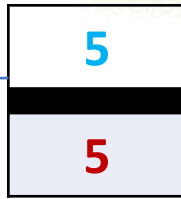
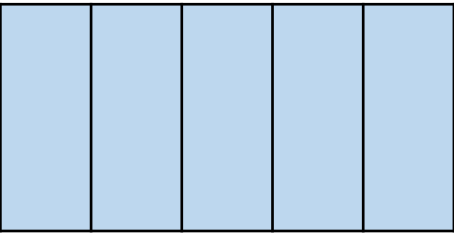
Colora tu le parti per formare ogni frazione





7  
QUALCHE PROVA PER CAPIRE MEGLIO LE FRAZIONI.

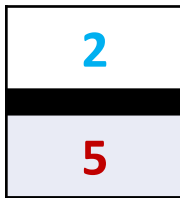
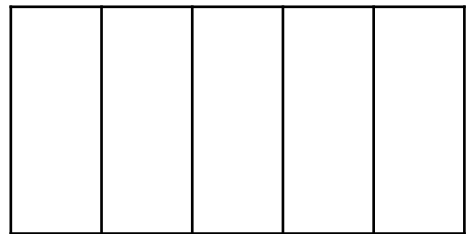
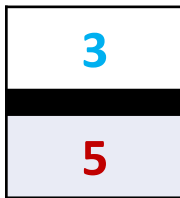
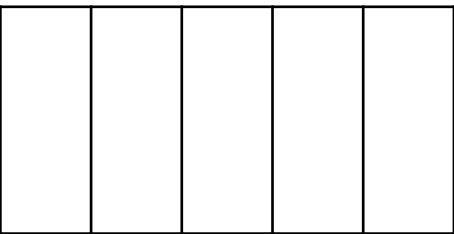
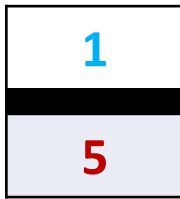
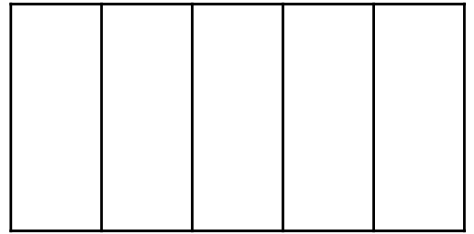
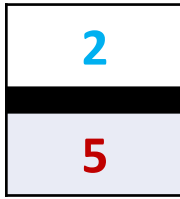
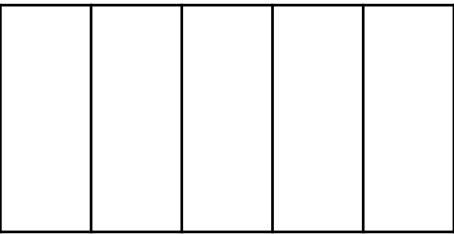
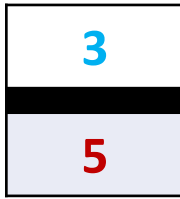
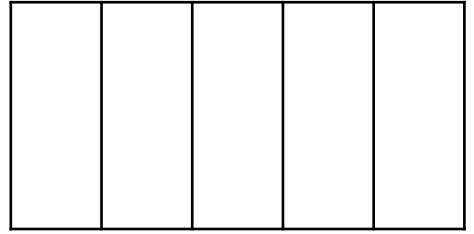
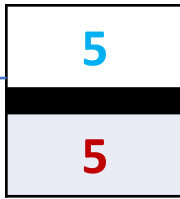
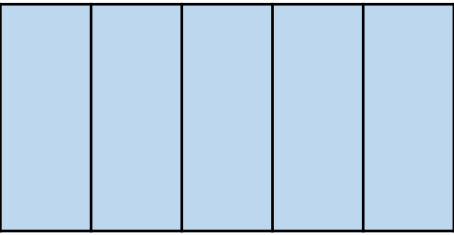
Ogni rettangolo è stato diviso in 5 parti, n 5 frazioni.  
Unisci la frazione giusta al rettangolo corrispondente





8  
QUALCHE PROVA PER CAPIRE MEGLIO LE FRAZIONI.

Ogni rettangolo è stato diviso in 5 parti, n 5 frazioni.  
Colora tu le parti per formare ogni frazione

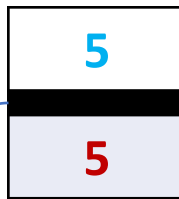






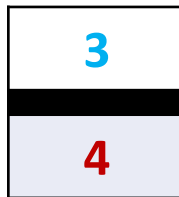
QUALCHE PROVA PER CAPIRE MEGLIO LE FRAZIONI.

Associa la frazione scritta a numeri alla frazione scritta a lettere



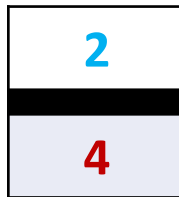
Cinque quinti

Tre quarti



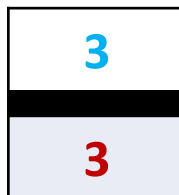
Due quarti

Un terzo



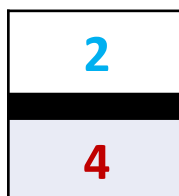
Tre ottavi

Tre terzi



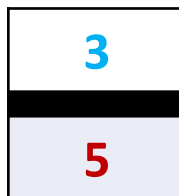
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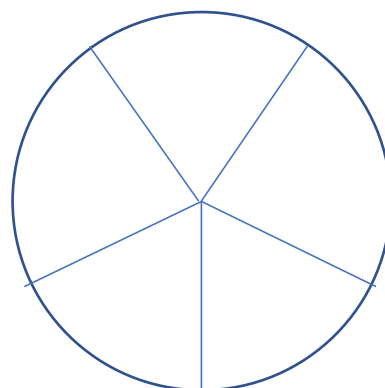
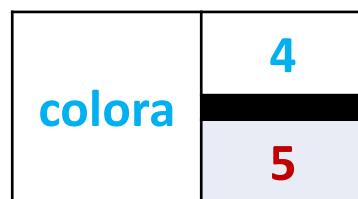
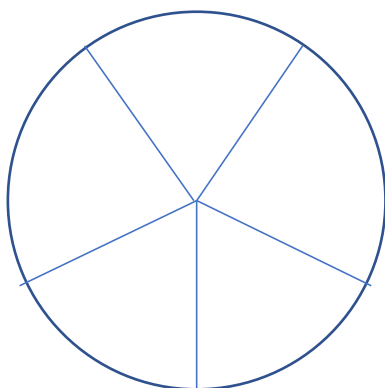
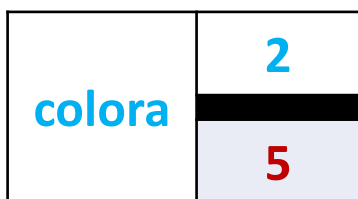
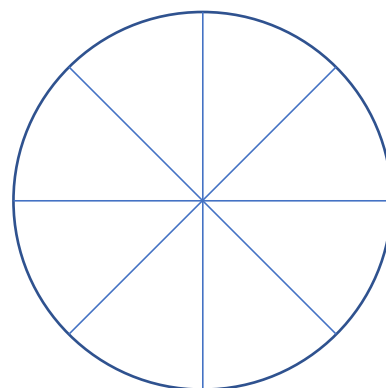
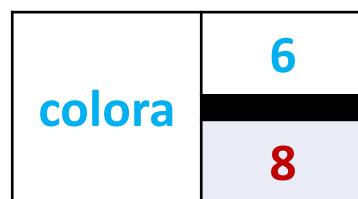
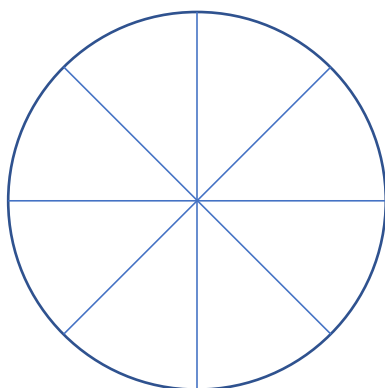
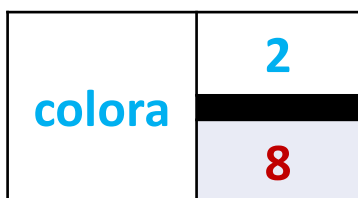
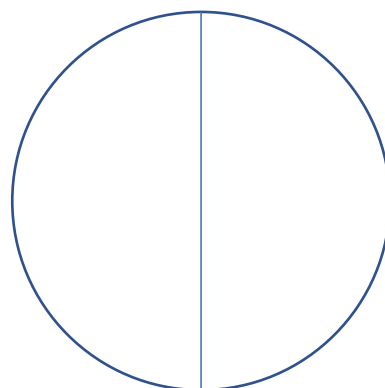
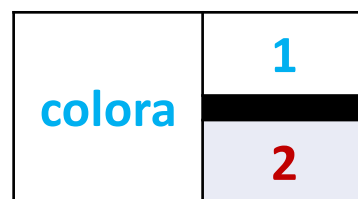
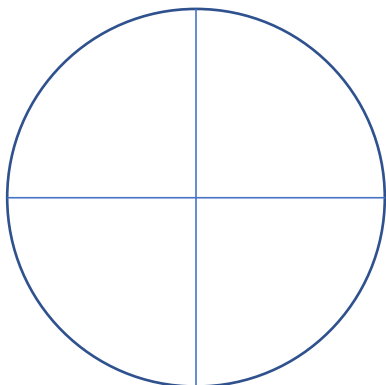
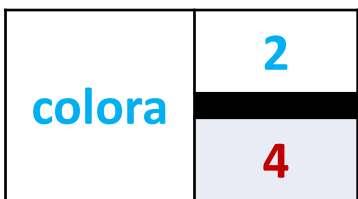
Tre quinti

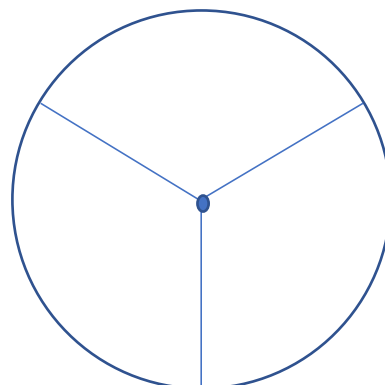
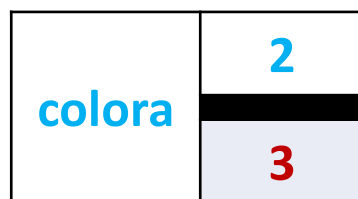
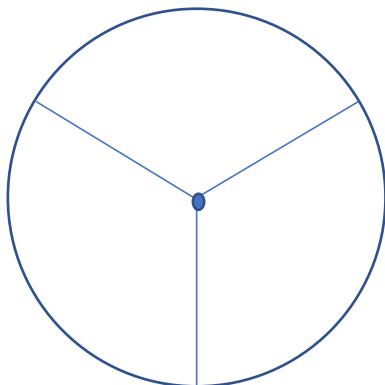
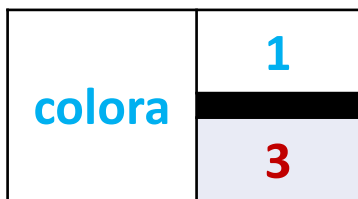
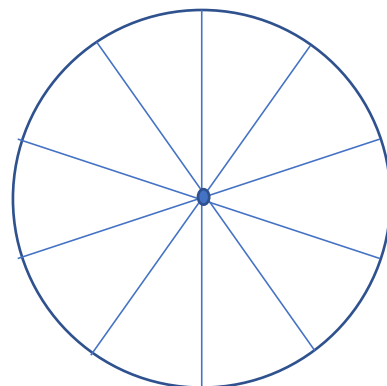
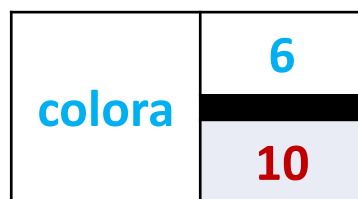
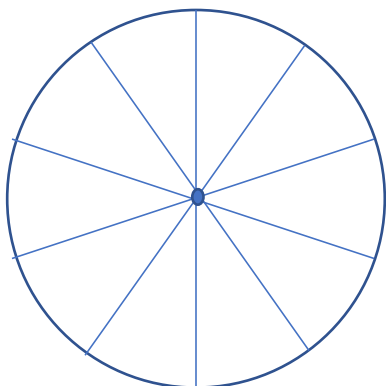
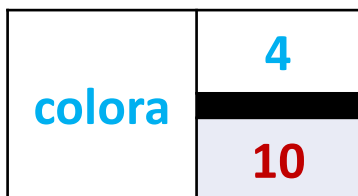
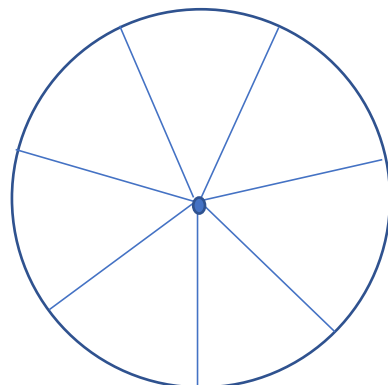
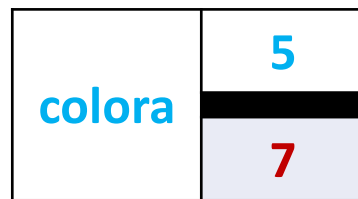
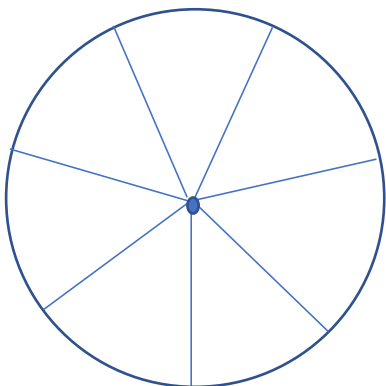
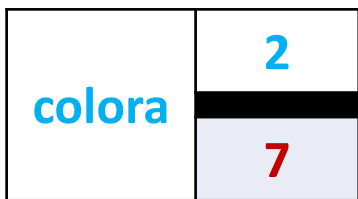


Tre terzi

Due quarti

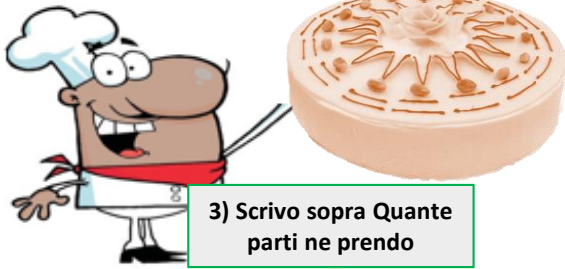






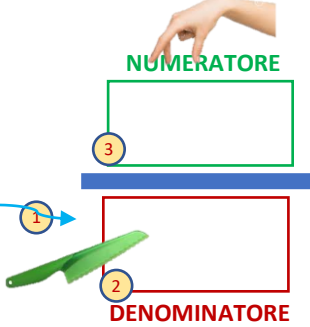
# Scheda 5

ESERCIZI INTERATTIVI. USANDO LA SCHEDA 5 SVOLGI QUESTO ESEGUI DA SOLO L'ESERCIZIO POI CLICCA PR VEDERE SE HAI FATTO BENE.



DIVIDI LA TORTA IN IN 5 PARTI, PRENDI 2 PARTI. QUANTA NE RESTA. POI FAI LA SOMMA.

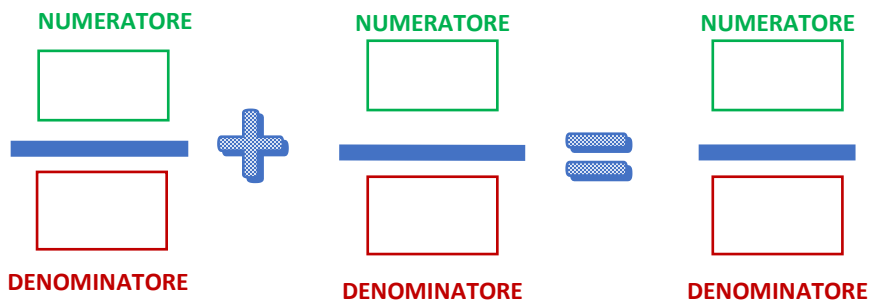
1) Disegno prima la Linea di divisione, di frazione



2) Scrivo sotto In quante parti UGUALI divido tutta la pizza lo scrivo sotto:



QUANTA TORTA RESTA?

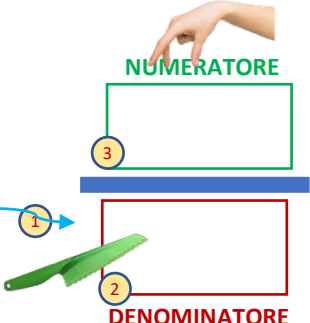


QUANDO HAI FINITO CLICCA PER VERIFICARE



DIVIDI LA TORTA IN IN 7 PARTI, PRENDI 4 PARTI. QUANTA NE RESTA. POI FAI LA SOMMA.

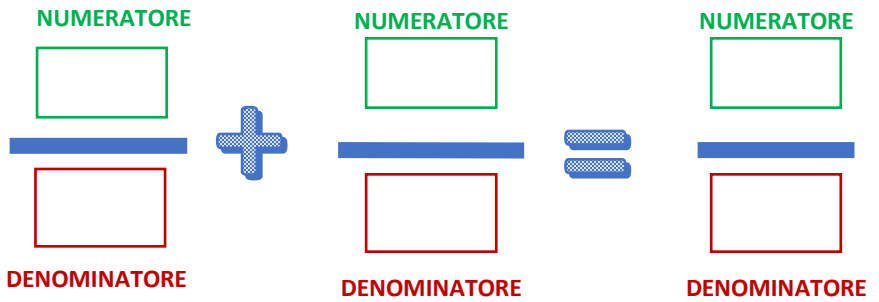
1) Disegno prima la Linea di divisione, di frazione



2) Scrivo sotto In quante parti UGUALI divido tutta la pizza lo scrivo sotto:

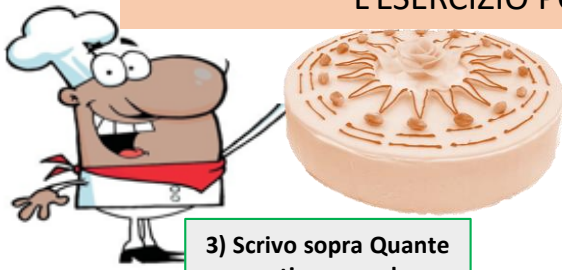


QUANTA TORTA RESTA?



QUANDO HAI FINITO CLICCA PER VERIFICARE

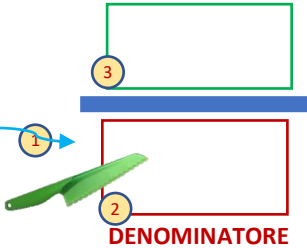
ESERCIZI INTERATTIVI. USANDO LA SCHEDA 5 SVOLGI QUESTO ESEGUI DA SOLO  
L'ESERCIZIO POI CLICCA PR VEDERE SE HAI FATTO BENE.



DIVIDI LA TORTA IN  
IN 5 PARTI,  
PRENDI 4 PARTI.  
QUANTA NE RESTA.  
POI FAI LA SOMMA.

NUMERATORE

1) Disegno prima la Linea di divisione, di frazione



2) Scrivo sotto In quante **parti UGUALI** divido tutta la pizza lo scrivo sotto:

QUANDO HAI FINITO CLICCA PER VERIFICARE

QUANTA TORTA RESTA?

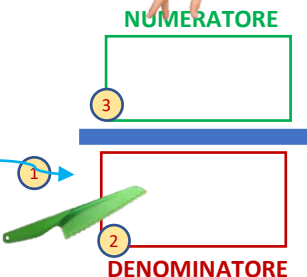
NUMERATORE	+	NUMERATORE	=	NUMERATORE
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<hr style="width: 50%;"/>		<hr style="width: 50%;"/>		<hr style="width: 50%;"/>
<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>
DENOMINATORE		DENOMINATORE		DENOMINATORE



DIVIDI LA TORTA IN  
IN 7 PARTI,  
PRENDI 5 PARTI.  
QUANTA NE RESTA.  
POI FAI LA SOMMA.

NUMERATORE

1) Disegno prima la Linea di divisione, di frazione



2) Scrivo sotto In quante **parti UGUALI** divido tutta la pizza lo scrivo sotto:

QUANDO HAI FINITO CLICCA PER VERIFICARE

QUANTA TORTA RESTA?

NUMERATORE	+	NUMERATORE	=	NUMERATORE
<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>
<hr style="width: 50%;"/>		<hr style="width: 50%;"/>		<hr style="width: 50%;"/>
<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>
DENOMINATORE		DENOMINATORE		DENOMINATORE

ESERCIZI INTERATTIVI. USANDO LA SCHEDA 6 SVOLGI QUESTO ESEGUI DA SOLO  
L'ESERCIZIO POI CLICCA PR VEDERE SE HAI FATTO BENE.

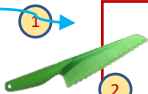


3) Scrivo sopra Quante parti ne prendo

DIVIDI LA TORTA IN  
IN 4 PARTI,  
PRENDI 1 PARTI.  
QUANTA NE RESTA.  
POI FAI LA SOMMA.

NUMERATORE

1) Disegno prima la Linea di divisione, di frazione



DENOMINATORE

2) Scrivo sotto In quante parti UGUALI divido tutta la pizza lo scrivo sotto:

QUANDO HAI FINITO CLICCA PER VERIFICARE

QUANTA TORTA RESTA?

NUMERATORE	+	NUMERATORE	=	NUMERATORE
<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>
<hr style="width: 50%;"/>		<hr style="width: 50%;"/>		<hr style="width: 50%;"/>
<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>
DENOMINATORE		DENOMINATORE		DENOMINATORE

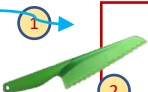


3) Scrivo sopra Quante parti ne prendo

DIVIDI LA TORTA IN  
IN 6 PARTI,  
PRENDI 2 PARTI.  
QUANTA NE RESTA.  
POI FAI LA SOMMA.

NUMERATORE

1) Disegno prima la Linea di divisione, di frazione



DENOMINATORE

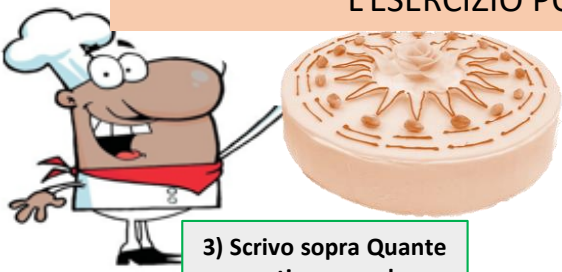
2) Scrivo sotto In quante parti UGUALI divido tutta la pizza lo scrivo sotto:

QUANDO HAI FINITO CLICCA PER VERIFICARE

QUANTA TORTA RESTA?

NUMERATORE	+	NUMERATORE	=	NUMERATORE
<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>
<hr style="width: 50%;"/>		<hr style="width: 50%;"/>		<hr style="width: 50%;"/>
<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>		<input style="width: 50px; height: 30px;" type="text"/>
DENOMINATORE		DENOMINATORE		DENOMINATORE

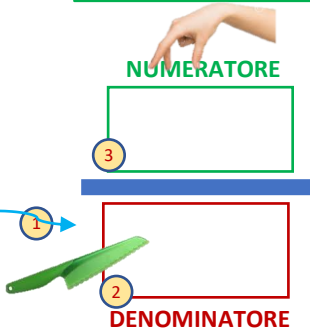
ESERCIZI INTERATTIVI. USANDO LA SCHEDA 7 SVOLGI QUESTO ESEGUI DA SOLO L'ESERCIZIO POI CLICCA PR VEDERE SE HAI FATTO BENE.



3) Scrivo sopra Quante parti ne prendo

DIVIDI LA TORTA IN IN 4 PARTI, PRENDI 2 PARTI. QUANTA NE RESTA. POI FAI LA SOMMA.

1) Disegno prima la Linea di divisione, di frazione



2) Scrivo sotto In quante parti UGUALI divido tutta la pizza lo scrivo sotto:

QUANDO HAI FINITO CLICCA PER VERIFICARE

QUANTA TORTA RESTA?

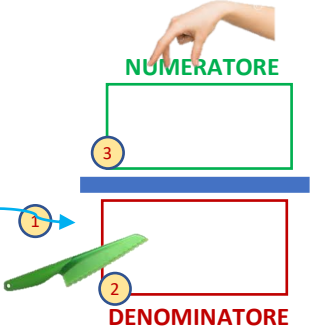
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3) Scrivo sopra Quante parti ne prendo

DIVIDI LA TORTA IN IN 6 PARTI, PRENDI 4 PARTI. QUANTA NE RESTA. POI FAI LA SOMMA.

1) Disegno prima la Linea di divisione, di frazione



2) Scrivo sotto In quante parti UGUALI divido tutta la pizza lo scrivo sotto:

QUANDO HAI FINITO CLICCA PER VERIFICARE

QUANTA TORTA RESTA?

<p>NUMERATORE</p> <div style="border: 1px solid green; width: 60px; height: 30px; margin: 0 auto;"></div> <hr style="border: 1px solid blue; width: 60px; margin: 0 auto;"/> <div style="border: 1px solid red; width: 60px; height: 30px; margin: 0 auto;"></div> <p>DENOMINATORE</p>	+	<p>NUMERATORE</p> <div style="border: 1px solid green; width: 60px; height: 30px; margin: 0 auto;"></div> <hr style="border: 1px solid blue; width: 60px; margin: 0 auto;"/> <div style="border: 1px solid red; width: 60px; height: 30px; margin: 0 auto;"></div> <p>DENOMINATORE</p>	=	<p>NUMERATORE</p> <div style="border: 1px solid green; width: 60px; height: 30px; margin: 0 auto;"></div> <hr style="border: 1px solid blue; width: 60px; margin: 0 auto;"/> <div style="border: 1px solid red; width: 60px; height: 30px; margin: 0 auto;"></div> <p>DENOMINATORE</p>
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