

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

Canale youtube: canale youtube vincenzo riccio

E-mail: ricciovi@libero.it



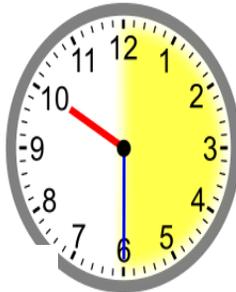
TU CHE AMI LA MATEMATICA MI SAI DIRE A CHE SERVE STUDIARE LE FRAZIONE, IO NON LE USO MAI.



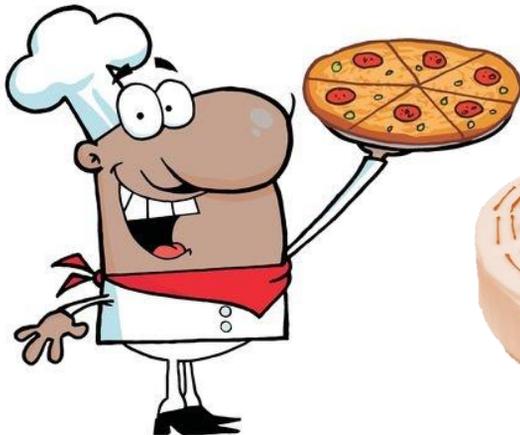
NONOSTANTE CHE NON AMI LA MATEMATICA IO AMO TE, PICCOLO BISCOTTINO.



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.



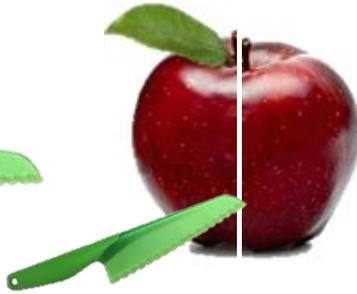
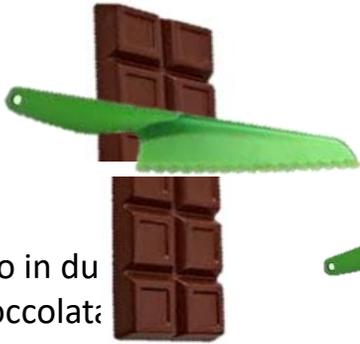
MA ANCH QUANDO DICI A UNA TUA COPAGNA: «MI DAI UN PEZZETTINO DI PIZZA?»

Mo' te fratto.

FRAZIONI



Divido in due
La cioccolata



Divido in due
La mela

Divido in due
Il legno

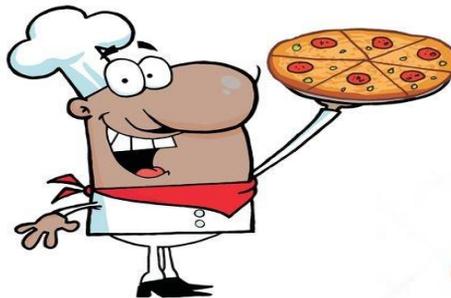


**FRATTO VUOL DIRE DIVISO,
DIVISO!.**

**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,

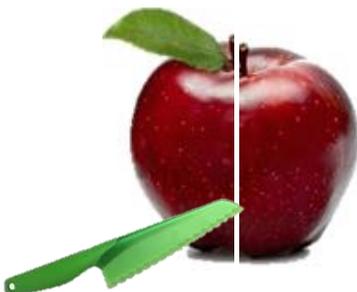
UNA MELA,

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.

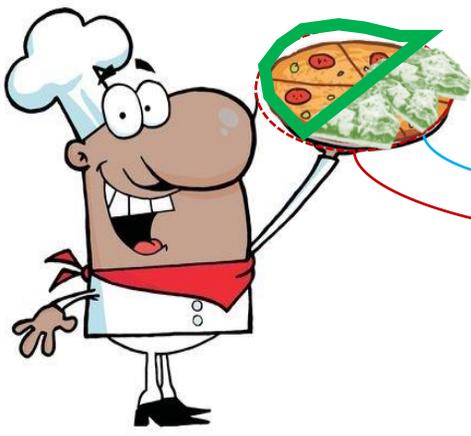


Ho questa pizza la divido in 6 parte

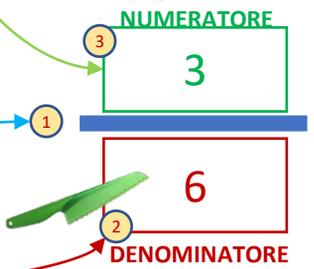


IO NE MANGIO 3 SESTI

3) Scivo sopra Quante parti ne prendo



1) Disegno prima la Linea di divisione, di frazione

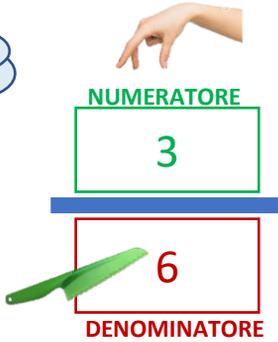


2) Scivo sotto In quante parti UGUALI divido tutta la pizza lo scrivo sotto:



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

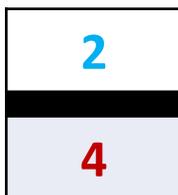
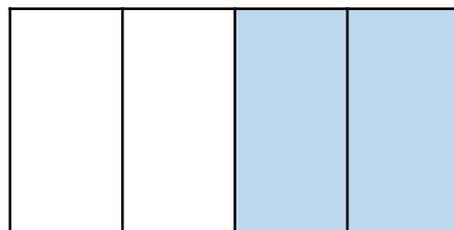
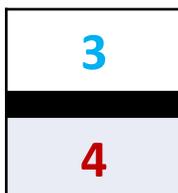
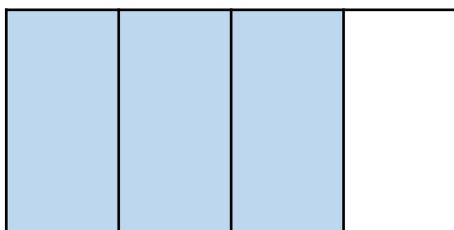
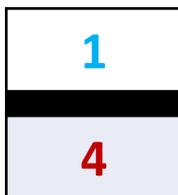
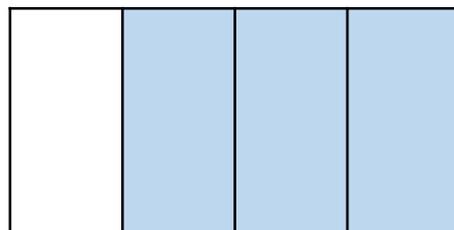
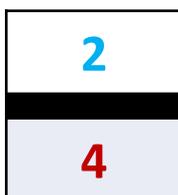
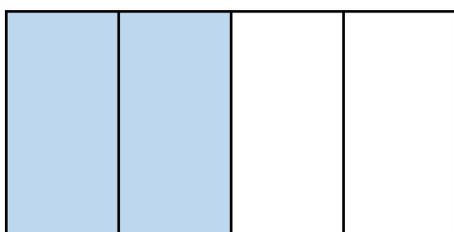
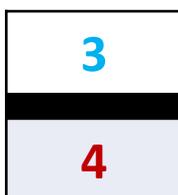
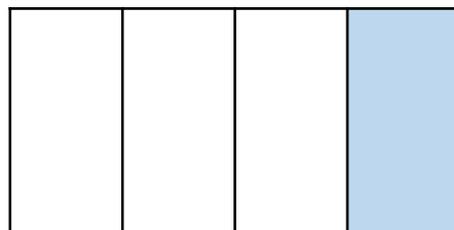
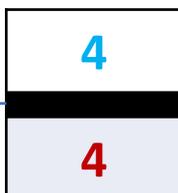
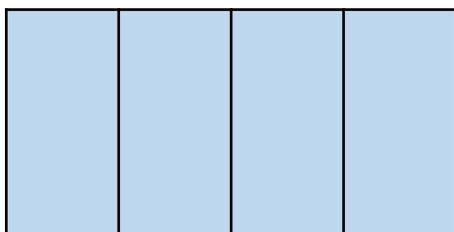
3 sest pure io.





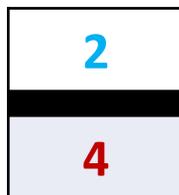
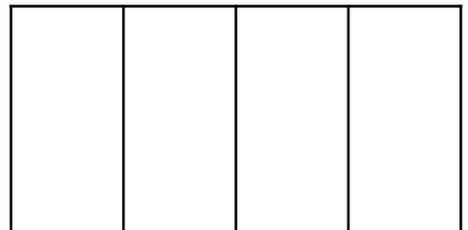
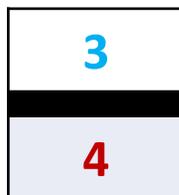
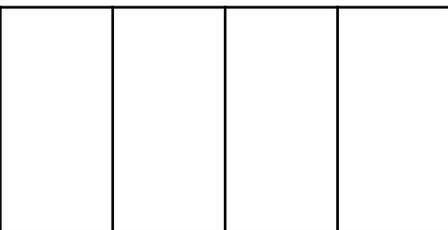
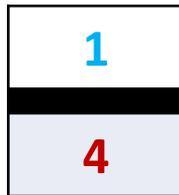
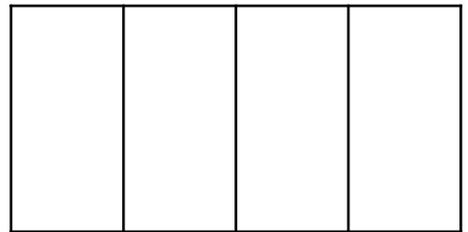
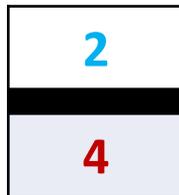
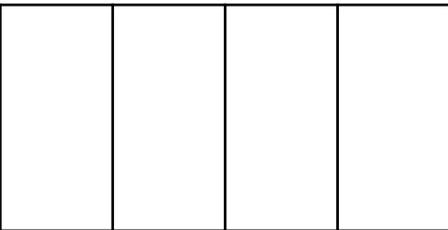
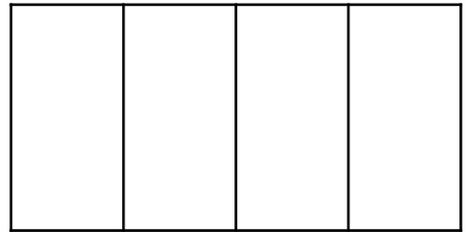
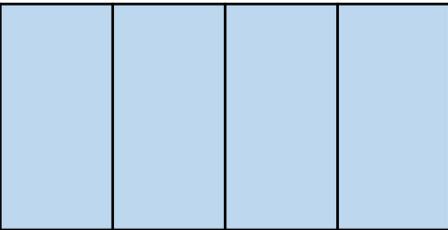
QUALCHE PROVA PER CAPIRE MEGLIO LE FRAZIONI.

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



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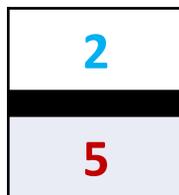
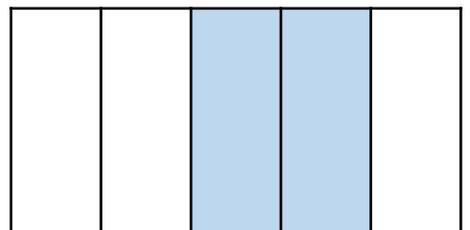
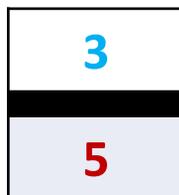
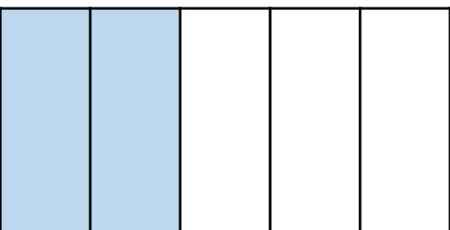
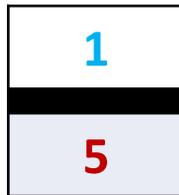
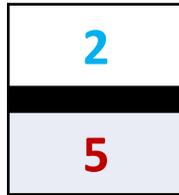
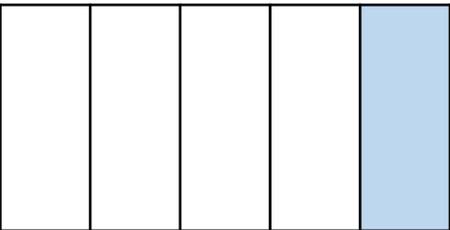
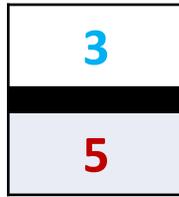
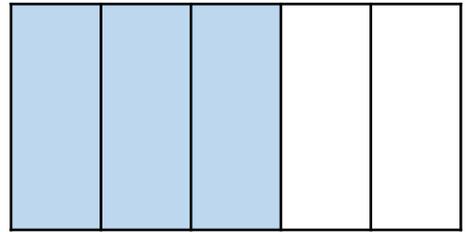
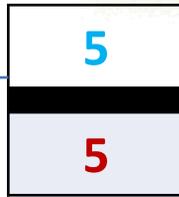
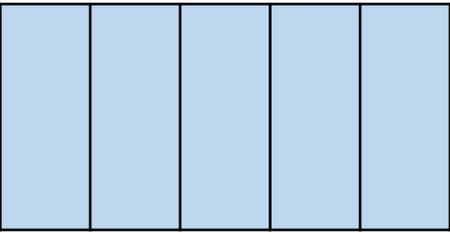
Colora tu le parti per formare ogni frazione





7
QUALCHE PROVA PER CAPIRE MEGLIO LE FRAZIONI.

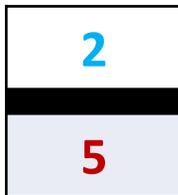
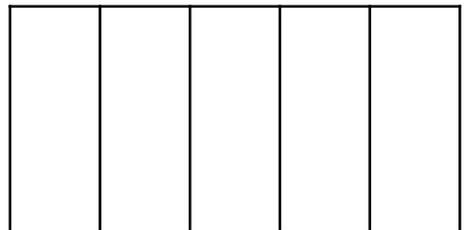
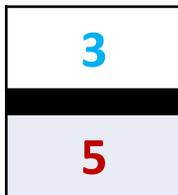
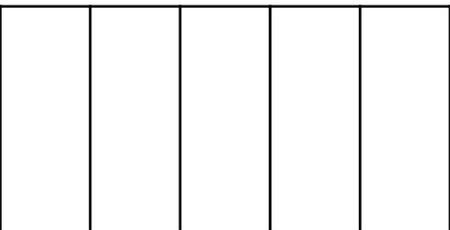
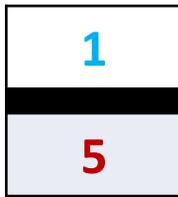
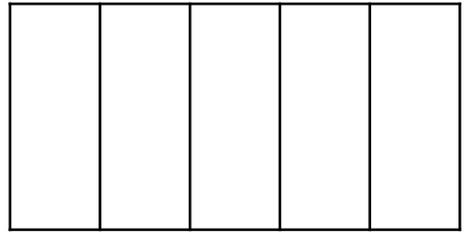
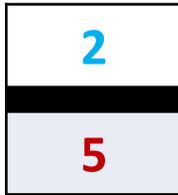
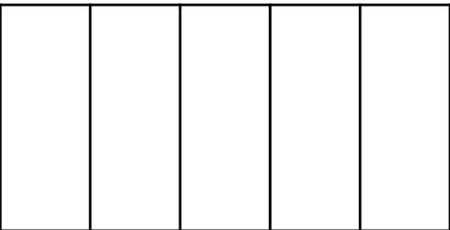
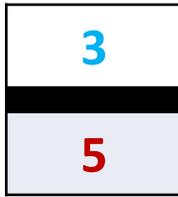
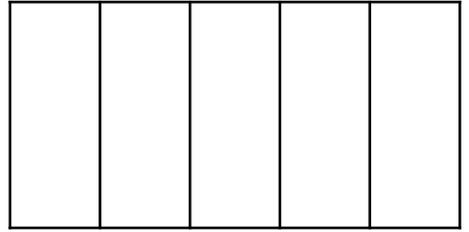
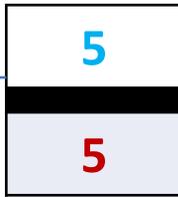
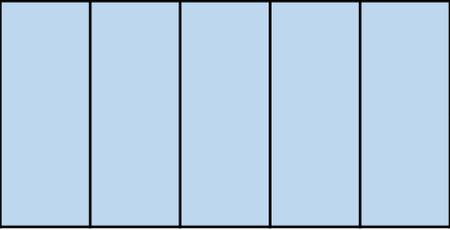
Ogni rettangolo è stato diviso in 5 parti, n 5 frazioni.
Unisci la frazione giusta al rettangolo corrispondente





8
QUALCHE PROVA PER CAPIRE MEGLIO LE FRAZIONI.

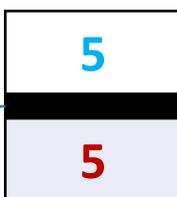
Ogni rettangolo è stato diviso in 5 parti, n 5 frazioni.
Colora tu le parti per formare ogni frazione





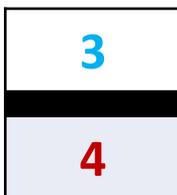
QUALCHE PROVA PER CAPIRE MEGLIO LE FRAZIONI.

Associa la frazione scritta a numeri alla frazione scritta a lettere



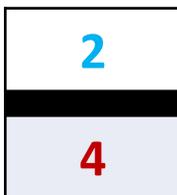
Cinque quinti

Tre quarti



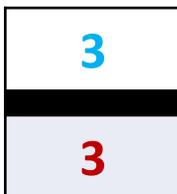
Due quarti

Un terzo



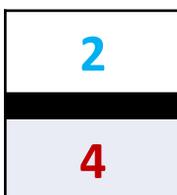
Tre ottavi

Tre terzi



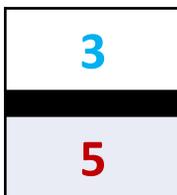
Due quarti

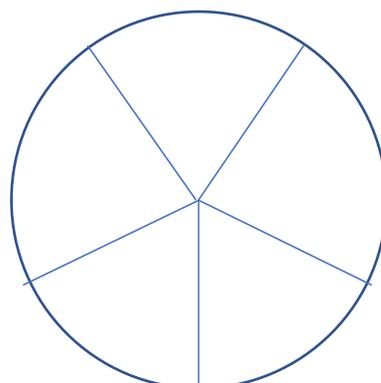
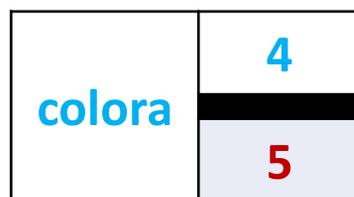
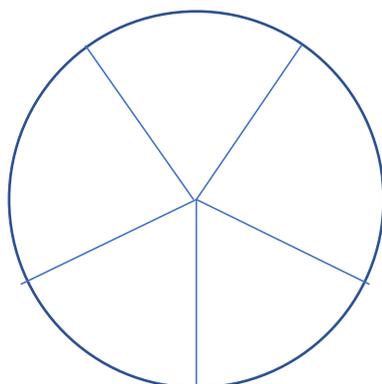
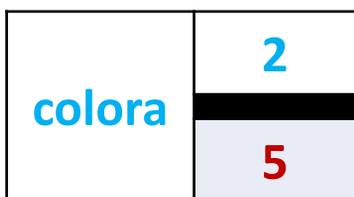
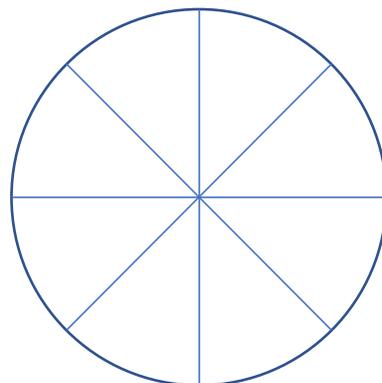
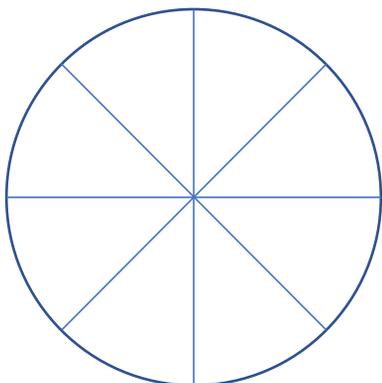
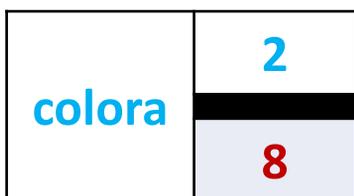
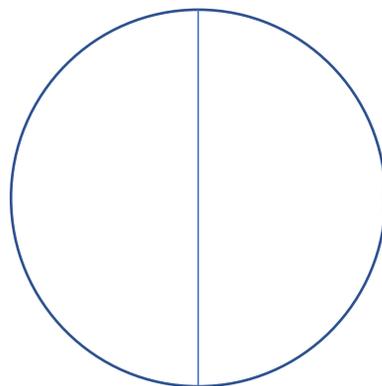
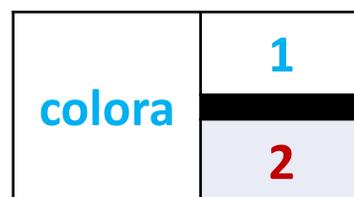
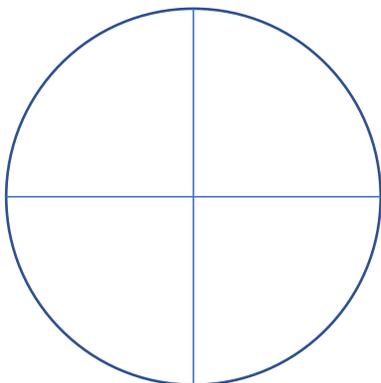
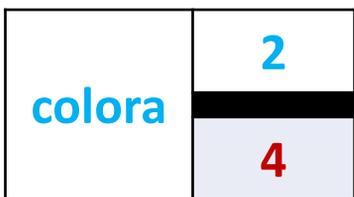
Tre quinti

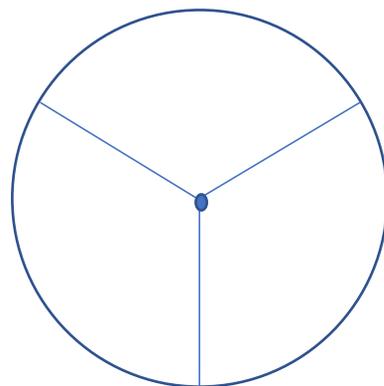
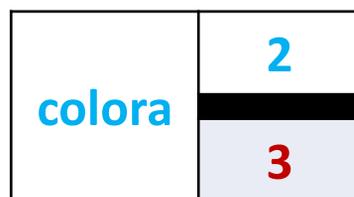
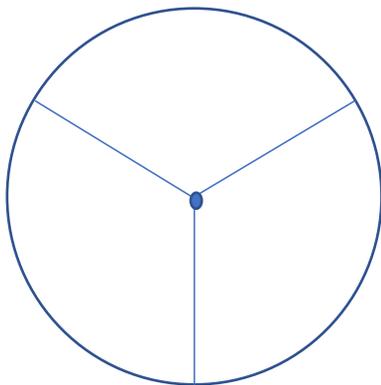
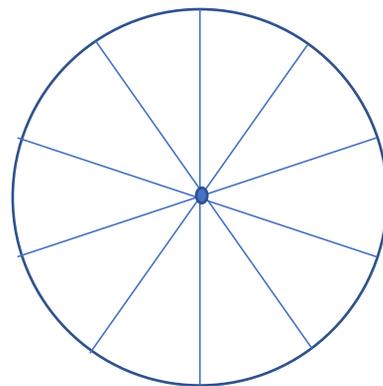
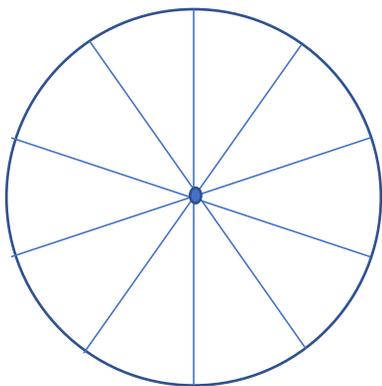
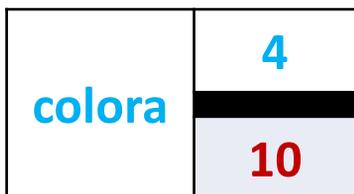
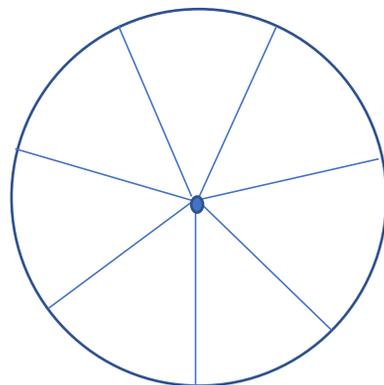
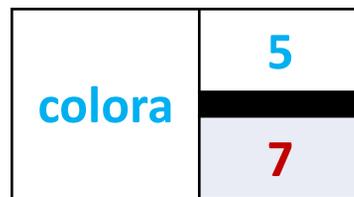
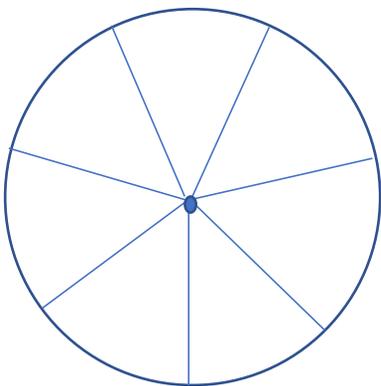
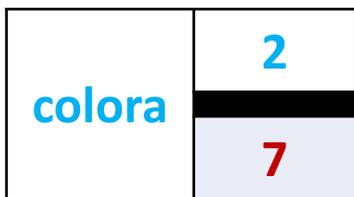


Tre terzi

Due quarti







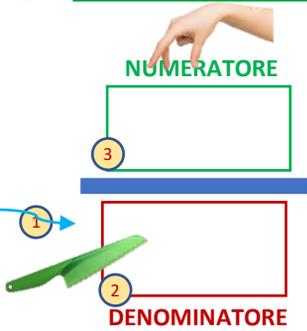
Scheda 5

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:

QUANDO HAI FINITO CLICCA PER VERIFICARE



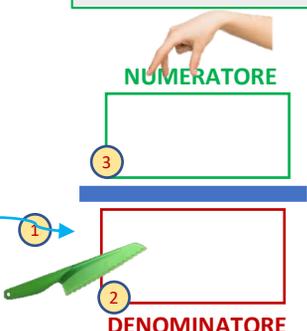
QUANTA TORTA RESTA?

NUMERATORE		+	NUMERATORE	=	NUMERATORE
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DENOMINATORE			DENOMINATORE		DENOMINATORE
<input type="text"/>			<input type="text"/>		<input type="text"/>



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:

QUANDO HAI FINITO CLICCA PER VERIFICARE



QUANTA TORTA RESTA?

NUMERATORE		+	NUMERATORE	=	NUMERATORE
<input type="text"/>			<input type="text"/>		<input type="text"/>
DENOMINATORE			DENOMINATORE		DENOMINATORE
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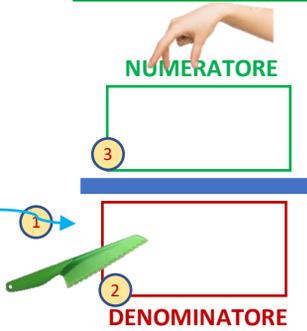
ESERCIZI INTERATTIVI. USANDO LA SCHEDA 5 SVOLGI QUESTO ESEGUI DA SOLO L'ESERCIZIO POI CLICCA PR VEDERE SE HAI FATTO BENE.



3) Scrivo sopra Quante parti ne prendo

DIVIDI LA TORTA IN IN 5 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?

<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: 5px 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: 5px 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: 5px auto;"/> <div style="border: 1px solid red; width: 60px; height: 30px; margin: 0 auto;"></div> <p>DENOMINATORE</p>
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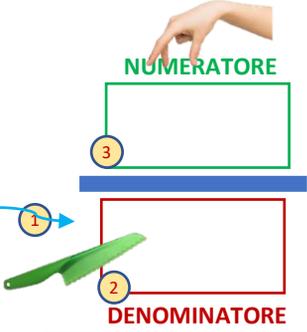
QUANDO HAI FINITO CLICCA PER VERIFICARE



3) Scrivo sopra Quante parti ne prendo

DIVIDI LA TORTA IN IN 7 PARTI, PRENDI 5 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?

<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: 5px 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: 5px 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: 5px auto;"/> <div style="border: 1px solid red; width: 60px; height: 30px; margin: 0 auto;"></div> <p>DENOMINATORE</p>
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QUANDO HAI FINITO CLICCA PER VERIFICARE

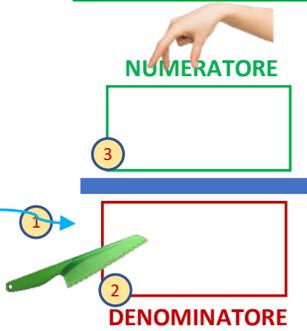
ESERCIZI INTERATTIVI. USANDO LA SCHEDA 6 SVOLGI QUESTO ESEGUI DA SOLO L'ESERCIZIO POI CLICCA PR VEDERE SE HAI FATTO BENE.



3) Scrivo sopra Quante parti ne prendo

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

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?

NUMERATORE	+	NUMERATORE	=	NUMERATORE
<div style="border: 1px solid green; width: 60px; height: 30px;"></div>		<div style="border: 1px solid green; width: 60px; height: 30px;"></div>		<div style="border: 1px solid green; width: 60px; height: 30px;"></div>
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<div style="border: 1px solid red; width: 60px; height: 30px;"></div>		<div style="border: 1px solid red; width: 60px; height: 30px;"></div>		<div style="border: 1px solid red; width: 60px; height: 30px;"></div>
DENOMINATORE		DENOMINATORE		DENOMINATORE

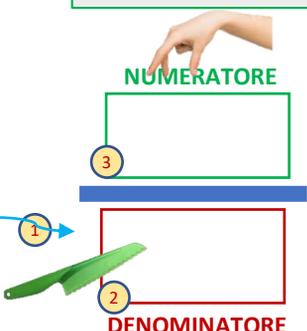
QUANDO HAI FINITO CLICCA PER VERIFICARE



3) Scrivo sopra Quante parti ne prendo

DIVIDI LA TORTA IN IN 6 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?

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

QUANDO HAI FINITO CLICCA PER VERIFICARE

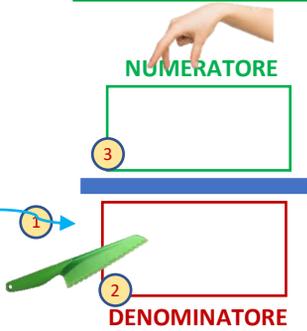
ESERCIZI INTERATTIVI. USANDO LA SCHEDA 7 SVOLGI QUESTO ESEGUI DA SOLO L'ESERCIZIO POI CLICCA PR VEDERE SE HAI FATTO BENE.



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:

QUANTA TORTA RESTA?

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

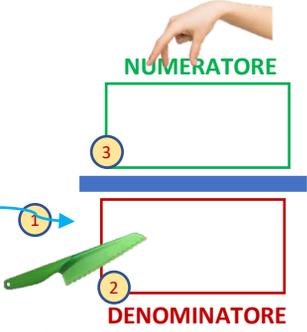
QUANDO HAI FINITO CLICCA PER VERIFICARE



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:

QUANTA TORTA RESTA?

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

QUANDO HAI FINITO CLICCA PER VERIFICARE