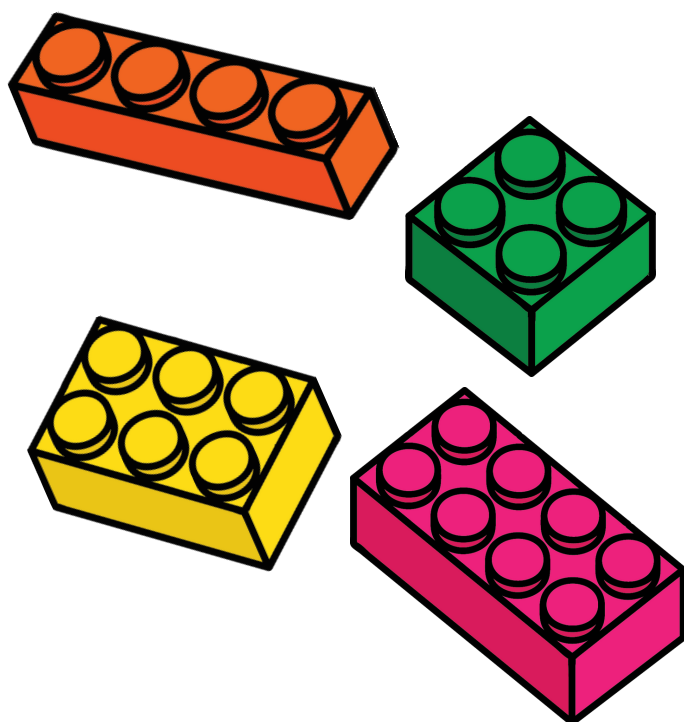


Finalmente è arrivato il
SUPER PACCHETTO GRATUITO

Matematica con i mattoncini LEGO!

by Matematica in gioco

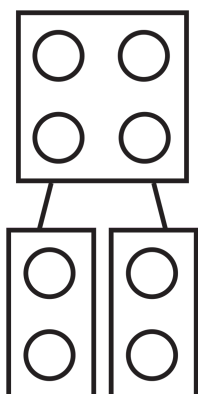
- Addizioni/sottrazioni
- Precedente/successivo
- Maggiore/minore
- Scomposizione numeri
- Moltiplicazione
- Tabelline
- Frazioni
- Unità frazionarie e confronto tra frazioni
- Frazioni decimali e percentuali
- Superficie
- Allenamento memoria visiva.



con COMPITO
DIREALTA'

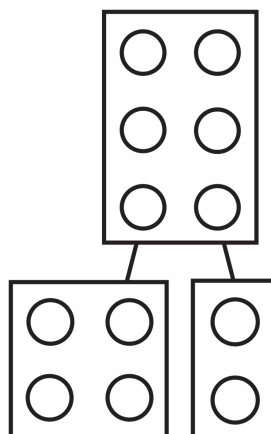
Con i mattoncini LEGO si possono studiare le **ADDIZIONI**
e le **SOTTRAZIONI**, scrivi per ogni legame numerico o 2 o 4
operazioni, osserva gli esempi

*Matematica
in gioco*



$$4 - 2 = 2$$

$$2 + 2 = 4$$

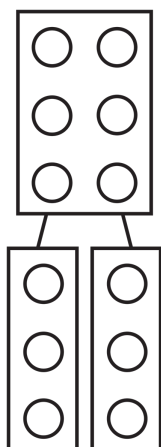


$$6 - 2 = 4$$

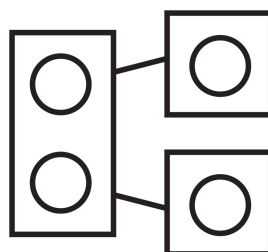
$$6 - 4 = 2$$

$$2 + 4 = 6$$

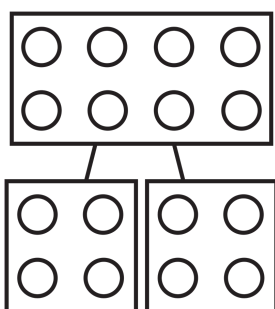
$$4 + 2 = 6$$



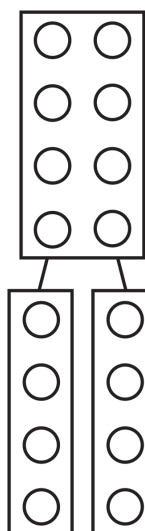
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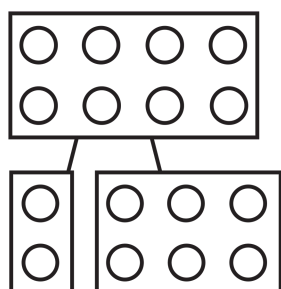
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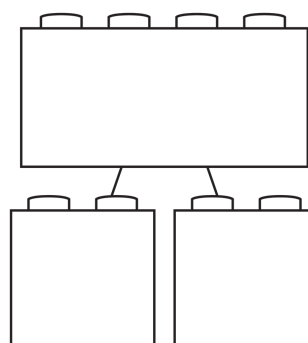
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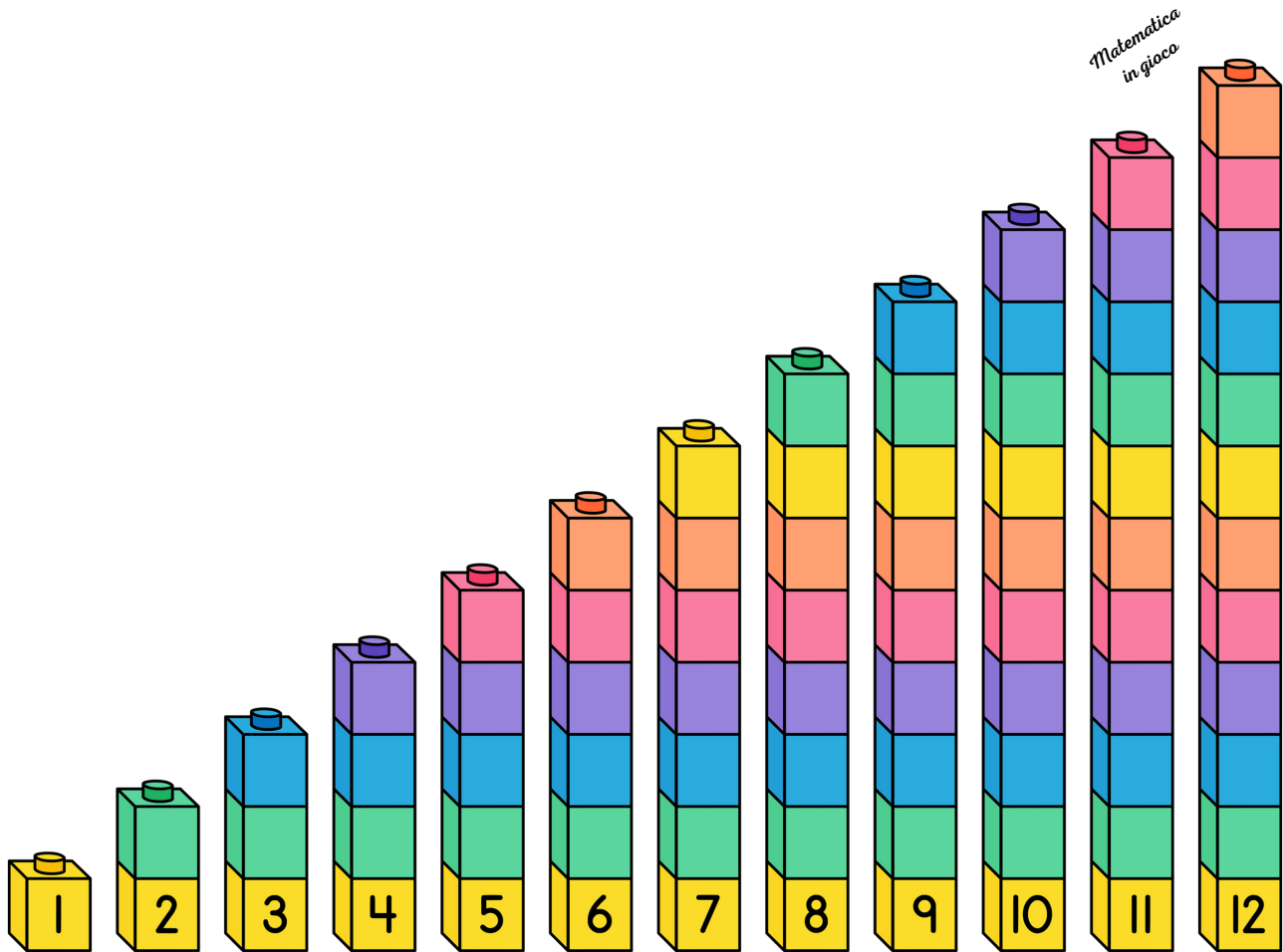
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PRECEDENTE/SUCCESSIVO, MAGGIORE/MINORE.

Osserva la LINEA DEI NUMERI LEGO poi rispondi alle domande della scheda



Qual è il numero successivo di 10?

Qual è il numero precedente di 8?

Qual è il numero precedente di 5?

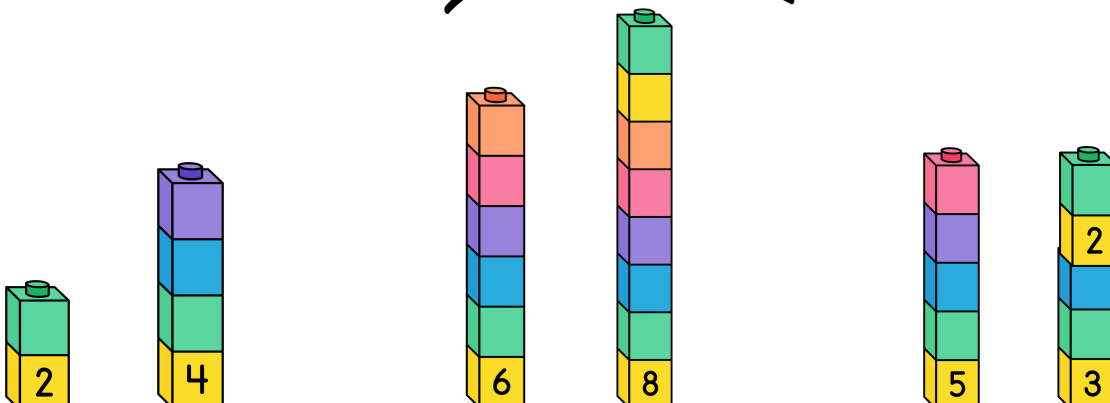
Qual è il numero successivo di 11?

Qual è il numero precedente di 3?

Qual è il numero successivo di 7?

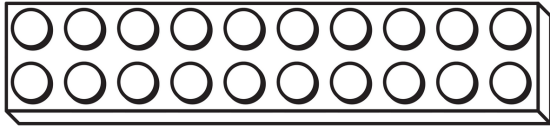
Qual è il numero precedente di 1?

Ora completa con i simboli $>$ maggiore, $<$ minore, $=$ uguale.



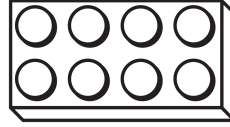
I mattoncini LEGO sono fantastici per studiare le
MOLTIPLICAZIONI: osserva gli schieramenti di borchiette e scrivi
 per ognuno due moltiplicazioni come nell'esempio

*Matematica
in gioco*



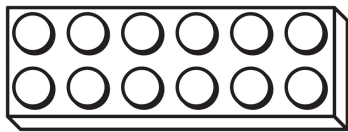
$$10 \times 2 = 20$$

$$2 \times 10 = 20$$



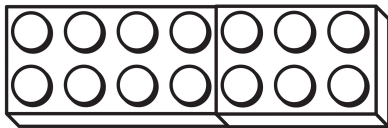
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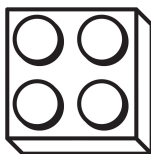
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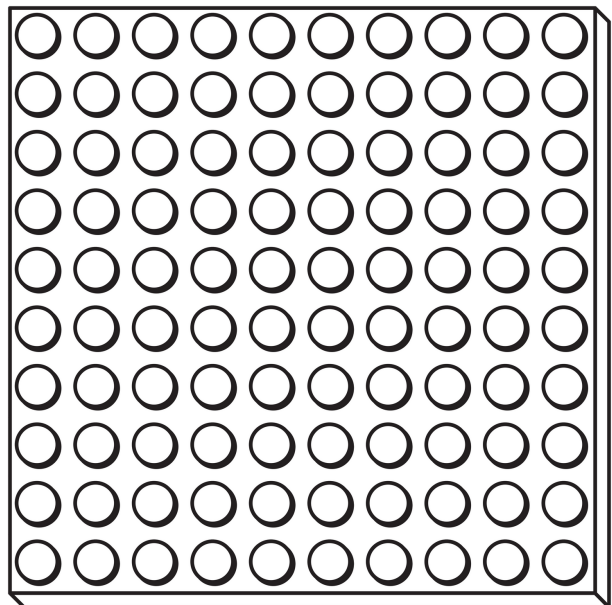
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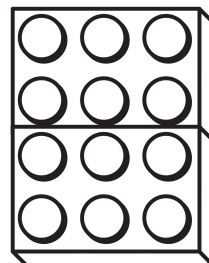
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Hai mai pensato che anche le tabelline si possono rappresentare anche con i mattoncini LEGO? Completa negli spazi e scopri la **TABELLINA DEL 2**

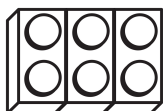
*Matematica
in gioco*



2 BORCHIETTE xMATTONCINO =..... BORCHIETTE



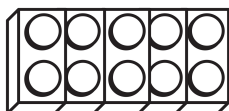
2 BORCHIETTE xMATTONCINI =..... BORCHIETTE



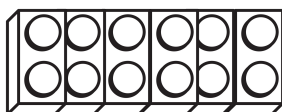
2 BORCHIETTE xMATTONCINI =..... BORCHIETTE



2 BORCHIETTE xMATTONCINI =..... BORCHIETTE



2 BORCHIETTE xMATTONCINI =..... BORCHIETTE

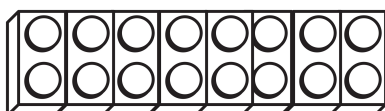


2 x =

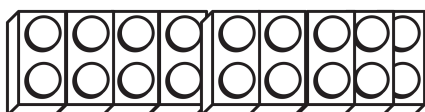
*Ora che sei più sicuro di te puoi
scrivere solo le moltiplicazioni!*



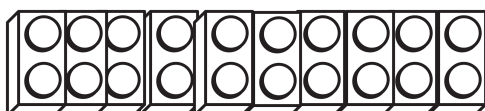
2 x =



2 x =

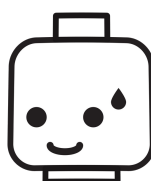


2 x =



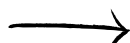
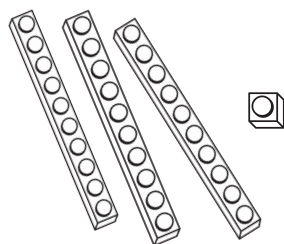
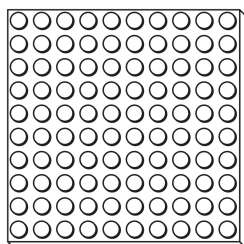
2 x =

Come è stata questa attività: colora l'immagine che rappresenta ciò che pensi:



Trascrivi la **SCOMPOSIZIONE DEI NUMERI** (rappresentata con i LEGO) come nell'esempio in forma classica e somma di prodotti, poi ricomponi il numero

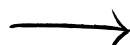
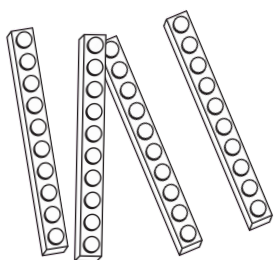
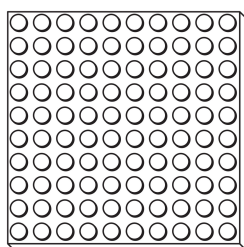
*Matematica
in gioco*



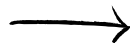
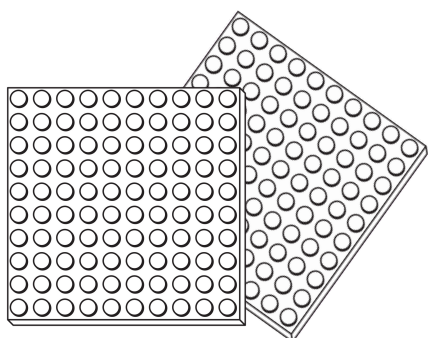
1 h, 3 da, 1 u

$100 + 30 + 1$

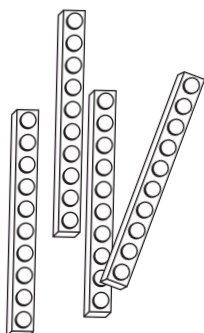
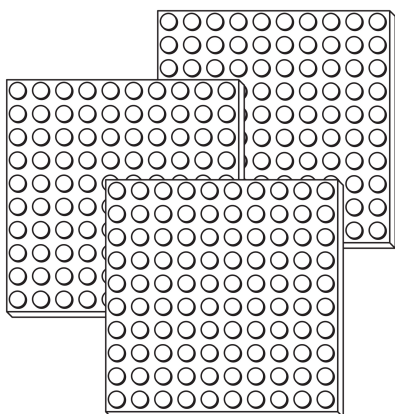
131



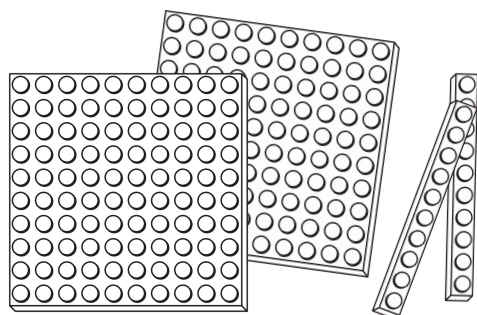
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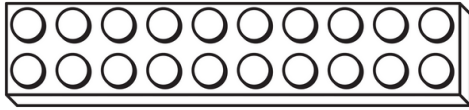


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Colora i mattoncini LEGO come indicato qui sotto, puoi usare il tuo colore preferito e colorare le borchiette come vuoi tu (anche lontane tra loro)

*Matematica
in gioco*

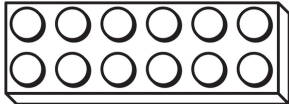
Colora $\frac{1}{2}$ del mattoncino:



Colora $\frac{1}{4}$ del mattoncino:



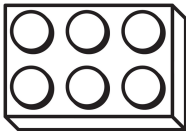
Colora $\frac{1}{3}$ del mattoncino:



Colora $\frac{1}{5}$ del mattoncino:



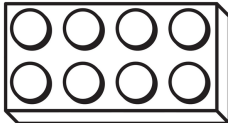
Colora $\frac{2}{3}$ del mattoncino:



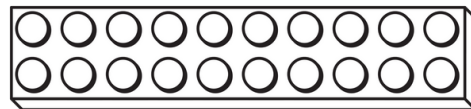
Colora $\frac{1}{2}$ del mattoncino:



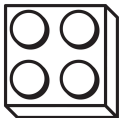
Colora $\frac{3}{4}$ del mattoncino:



Colora $\frac{1}{5}$ del mattoncino:



Colora $\frac{4}{4}$ del mattoncino:



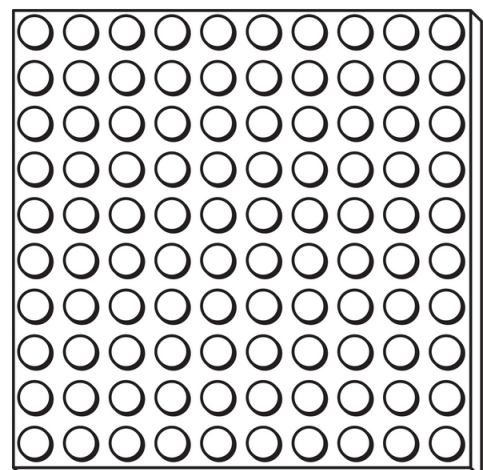
Colora $\frac{1}{2}$ del mattoncino:



Colora $\frac{1}{5}$ del mattoncino:



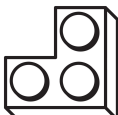
Colora $\frac{6}{10}$ del mattoncino:



Colora $\frac{2}{3}$ del mattoncino:

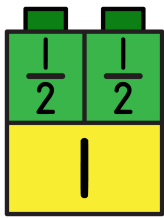


Colora $\frac{3}{3}$ del mattoncino:

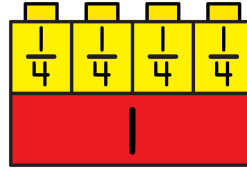


Osserva i MURETTI DELLE FRAZIONI poi trascrivi i muretti come somme di UNITA' FRAZIONARIE come nell'esempio:

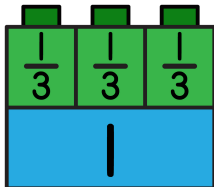
*Matematica
in gioco*



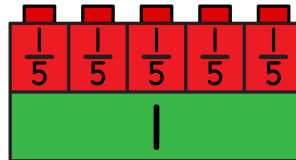
$$1/2 + 1/2 = 1$$



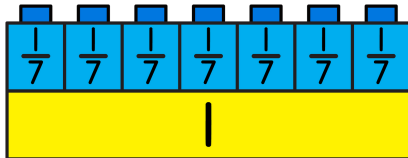
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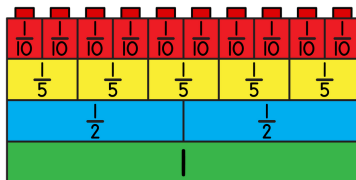


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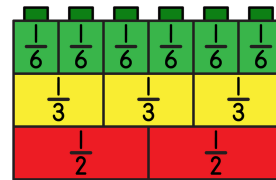


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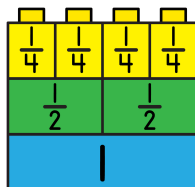
Ora osservare i muretti ti aiuterà a fare **CONFRONTI TRA FRAZIONI**: completa i confronti con i simboli di **MAGGIORE**, **MINORE** e **UGUALE**



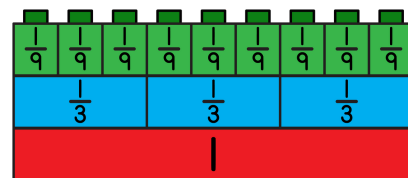
$$1/5 \dots\dots\dots 1/2$$



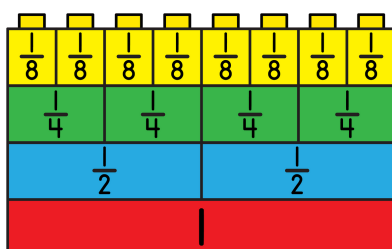
$$1/6 \dots\dots\dots 1/2$$



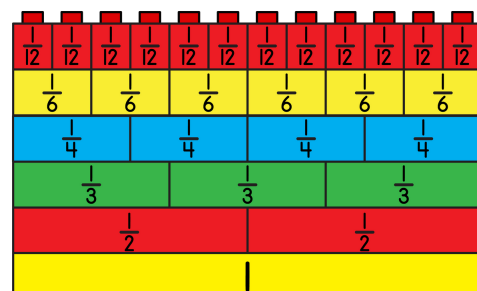
$$1/2 \dots\dots\dots 1/4$$



$$1/3 \dots\dots\dots 1/9$$

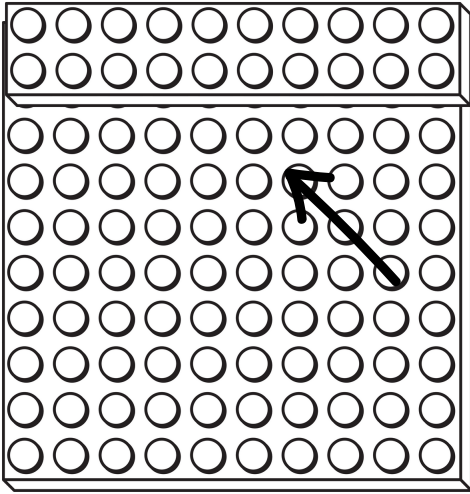


$$1/4 \dots\dots\dots 1/8$$

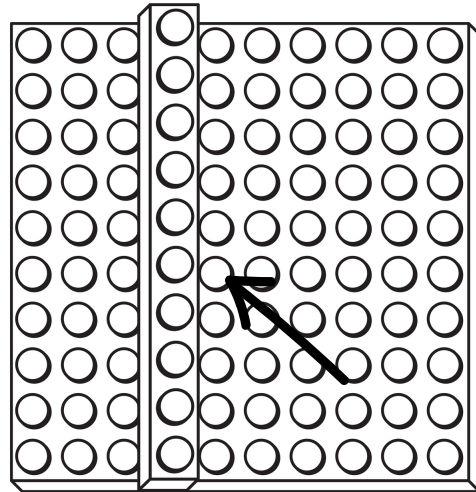


$$1/12 \dots\dots\dots 1/6$$

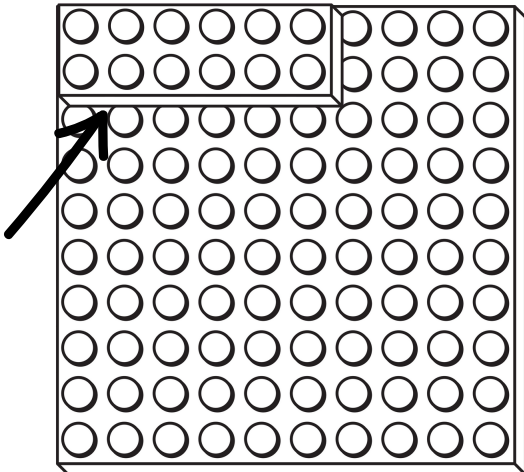
Sapevi che con i LEGO si possono anche studiare FRAZIONI DECIMALI E PERCENTUALI? Scrivi sotto ad ogni immagine la frazione e la percentuale che rappresentano la parte indicata del totale *Matematica in gioco*



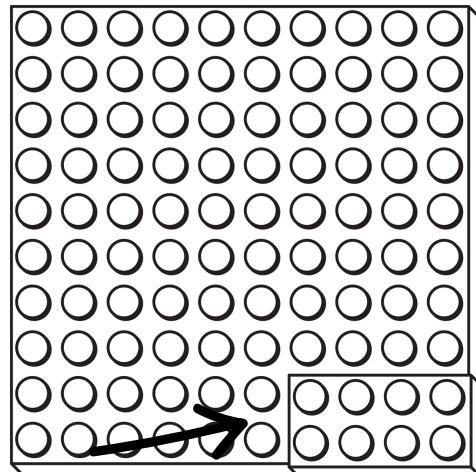
...../100 ovvero%



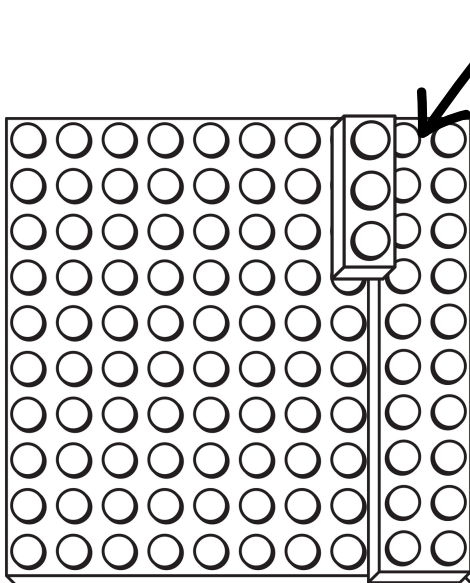
...../100 ovvero%



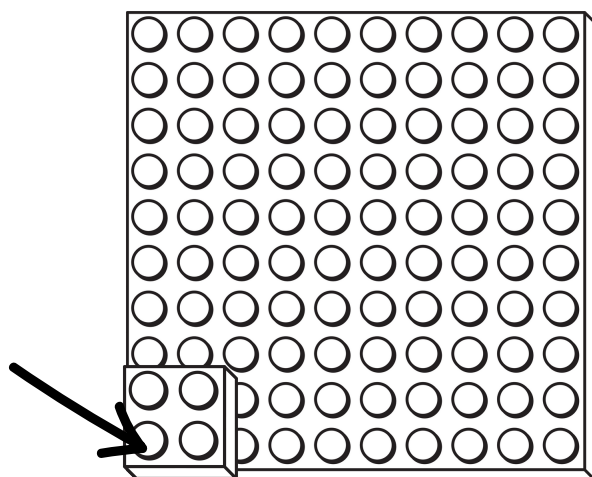
...../100 ovvero%



...../100 ovvero%



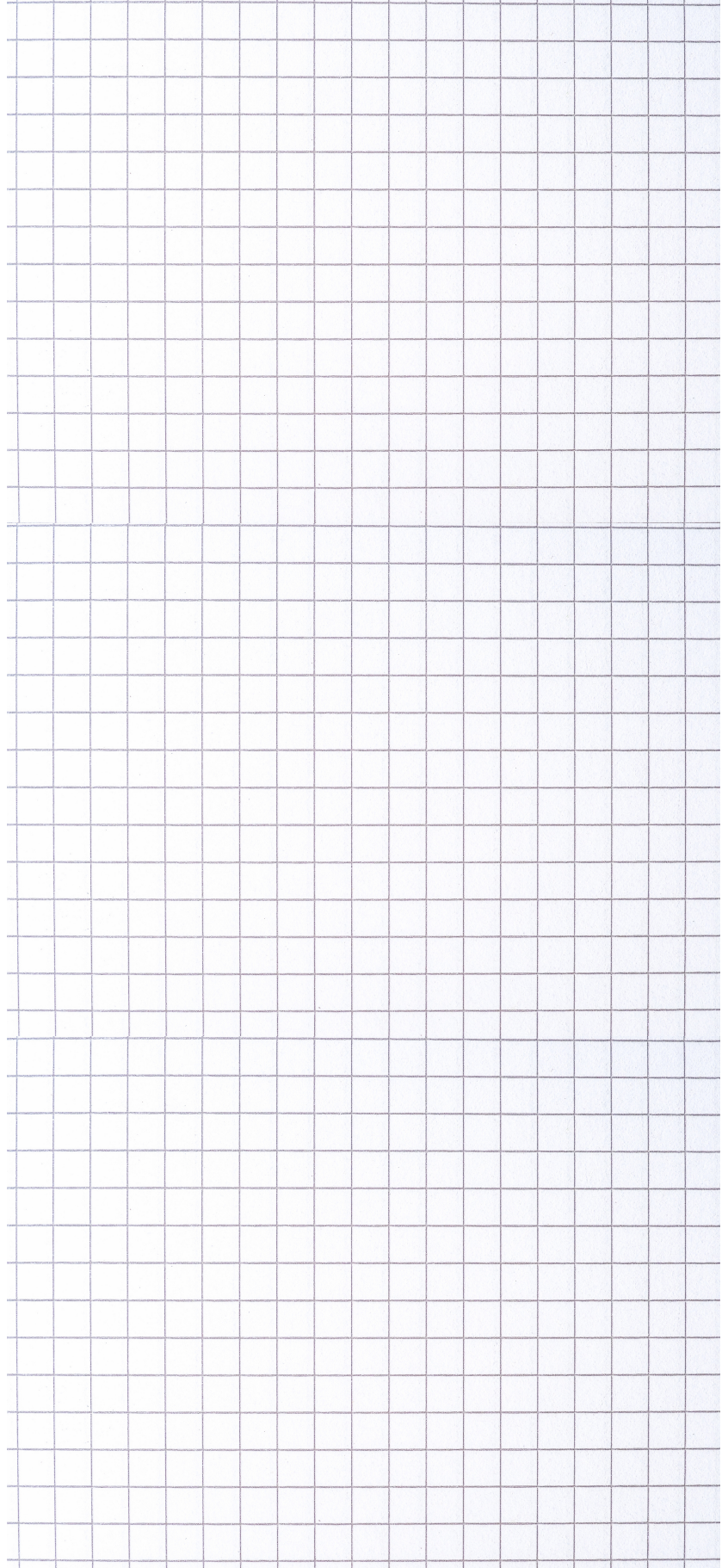
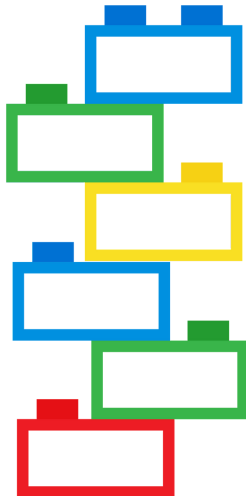
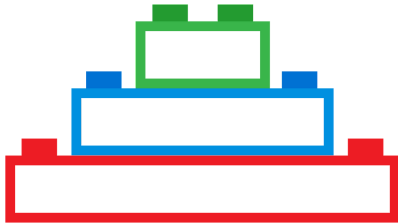
...../100 ovvero%



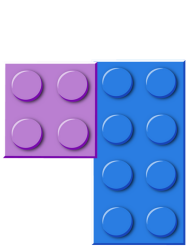
...../100 ovvero%

Matematica
in gioco

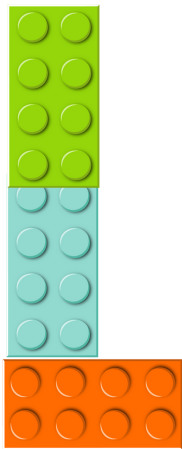
Allena la tua memoria visiva: osserva l'immagine di sinistra per 20 secondi,
poi coprila e copiala uguale nello spazio a destra



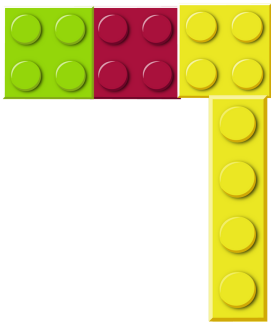
Nel giocare con i mattoncini ti sei accorto mai che puoi non solo incastrarli uno sopra l'altro ma anche affiancarli? Immagina di avere appoggiato tu i mattoncini qui sotto uno a fianco all'altro e indica per ogni gruppo LA SUPERFICIE. *Matematica in gioco*



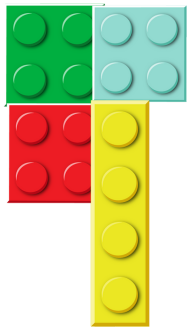
SUPERFICIE:
12 borchiette



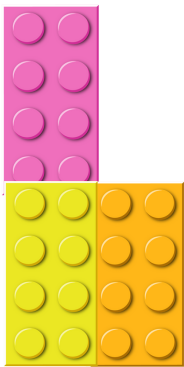
SUPERFICIE:



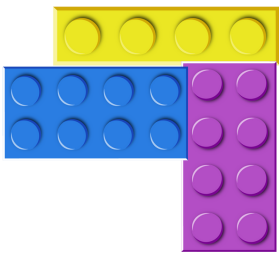
SUPERFICIE:



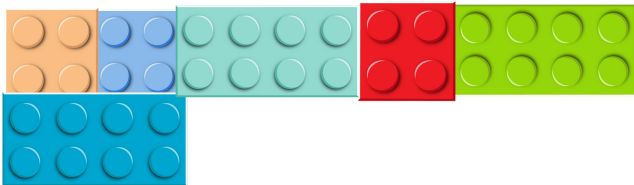
SUPERFICIE:



SUPERFICIE:

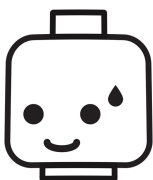
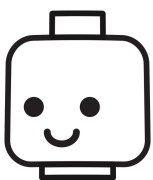
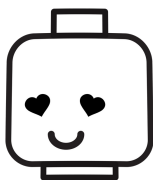


SUPERFICIE:



SUPERFICIE:

Come è stata questa attività: colora l'immagine che rappresenta ciò che pensi:



Compito di realtà!

PROGETTIAMO LA NOSTRA CITTA' IDEALE

Osserva i mattoncini LEGO qui sotto ed immagina che insieme siano la piantina di una città. Dai vita alla tua città usando i colori VERDE (per parchi e aree gioco), MARRONE (abitazioni e palazzi), GRIGIO (per le strade).

Poi assegna i nomi alle vie. Infine rispondi alle domande a seguire.

