

Ressources Numériques pour la construction du nombre



PhET : des simulation en html5 qui fonctionnent dans tous les navigateurs (necessitent internet). <https://phet.colorado.edu/fr/>



506 =

253 200 3

100 10 1

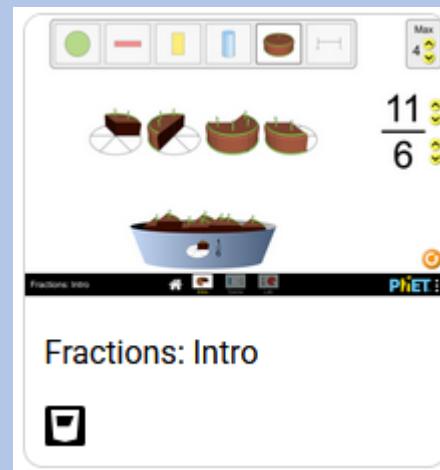
Faire un dix



My Matches

Fraction Matcher

Fractions équivalentes



Max 4

11/6

Fractions: Intro



2 2/3 8/3

Fractions: mixed numbers

Fractions: nombres mélangés



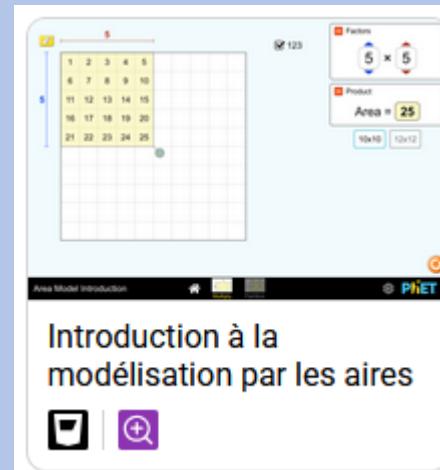
Dimensions: 18 x 16

Total area of model: 288

Partial products: 18 x 10 = 180, 18 x 4 = 72

Area Model Multiplication

Modélisation de la multiplication par les aires



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Total area of model: 288

Partial products: 18 x 10 = 180, 18 x 4 = 72

Area Model Introduction

Introduction à la modélisation par les aires



5 < 9

Number Compare

Comparaison de nombres



Éducajou - Ressources et applications éducatives libres

Application web

Chocomultiples

Représenter les multiplications sous forme de tablettes de chocolat

Application web

Compteur

Afficher et faire fonctionner un compteur décimal

Application web

Droite interactive

Afficher une droite graduée (nombre entiers) paramétrable

Application web

Estimation

S'exercer au repérage sur la droite non graduée

Application web

Graduatux

S'exercer au repérage sur la droite graduée

Logiciel

Fracatux

Représenter les fractions sous formes de barres

Logiciel

Tuxbloks

Représenter les unités, dizaines, centaines et milliers

Amplify.



Polypad

« Notre **terrain de jeu mathématique** est rempli d'outils uniques qui permettent aux élèves de **jouer et d'explorer** et leur utilisation est **totalemement gratuite** . »

The image shows a digital interface for learning mathematics. On the left, a sidebar titled "Tuiles et cubes numériques" displays various base-10 blocks: a single orange square tile, a blue rod (10 squares), a green 10x10 grid (100 squares), a single orange cube, a blue vertical column of 10 cubes, a green 10x10x10 cube (1000 cubes), and a stack of three 5x5x5 cubes. Below these are three 2x2x2 cube models in orange, blue, and green. In the center, a 3D representation of 100 orange cubes is shown in a 10x10x1 grid. To the right is a tall blue vertical column of 100 cubes. At the bottom, a row of playing cards includes the 10 of spades, the jack of clubs, the queen of hearts, the king of diamonds, the ace of spades, and a joker card. A hand icon is positioned above the cards. A large black arrow points from the central 3D cube representation to the blue column. A toolbar below the central area includes buttons for "Fusionner" (Merge), "Organiser" (Organize), and other functions like copy, paste, and delete, along with a question mark icon and a more options menu. A smaller arrow points from the "Fusionner" button towards the central 3D representation.

The image shows a 3x3 grid of numbered circles. The first row contains circles with '+', '1', '2', and '3'. The second row contains circles with '1', '2', '3', and '4'. The third row contains circles with '2', '3', '4', and '5'. The first row contains circles with 'x', '1', '2', and '3'. The second row contains circles with '1', '1', '2', and '3'. The third row contains circles with '2', '2', '4', and '6'. Below the first row is the text 'Addition'. Below the second row is the text 'Multiplication'.

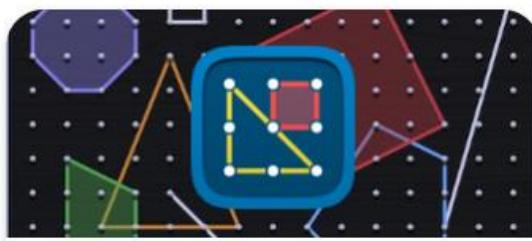
The image shows a 3x3 grid of empty squares. To the right of the grid are two circles: a yellow one with a pattern of 10 dots and a pink one with a pattern of 10 dots. Below these are two rows of three shapes each. The first row contains a yellow square with 1 dot, an orange square with 2 dots, a red square with 3 dots, a pink square with 4 dots, and a purple square with 5 dots. The second row contains a blue square with 6 dots, a light blue square with 7 dots, and a green square with 8 dots. Below the second row is a yellow square with 9 dots.

A collection of fraction-related graphics. At the top, the text "Cercles de fractions" is displayed. Below it is a button with the fraction $\frac{1}{2}$, followed by a percentage sign (%), a decimal point (0.5), and a degree symbol (90°). To the right of these is a small icon of a person with a speech bubble. Below this row are several fraction pieces: a circle divided into 4 equal parts with one part shaded (labeled $\frac{1}{4}$), a semi-circle divided into 2 equal parts with one part shaded (labeled $\frac{1}{2}$), a circle divided into 3 equal parts with one part shaded (labeled $\frac{1}{3}$), a quarter-circle divided into 4 equal parts with one part shaded (labeled $\frac{1}{4}$), a circle divided into 5 equal parts with one part shaded (labeled $\frac{1}{5}$), a circle divided into 6 equal parts with one part shaded (labeled $\frac{1}{6}$), a circle divided into 7 equal parts with one part shaded (labeled $\frac{1}{7}$), a circle divided into 8 equal parts with one part shaded (labeled $\frac{1}{8}$), a circle divided into 9 equal parts with one part shaded (labeled $\frac{1}{9}$), a circle divided into 10 equal parts with one part shaded (labeled $\frac{1}{10}$), a circle divided into 11 equal parts with one part shaded (labeled $\frac{1}{11}$), and a circle divided into 12 equal parts with one part shaded (labeled $\frac{1}{12}$).

The image shows three clock faces side-by-side, each with a different mode label below it. The first clock on the left is labeled 'En direct' and shows a standard analog clock face with a pink border. The second clock in the middle is labeled 'Mode contraint' and shows a blue-bordered clock with a single minute hand pointing to the 12. The third clock on the right is labeled 'Mode libre' and shows a green-bordered clock with both hands pointing to the 7.



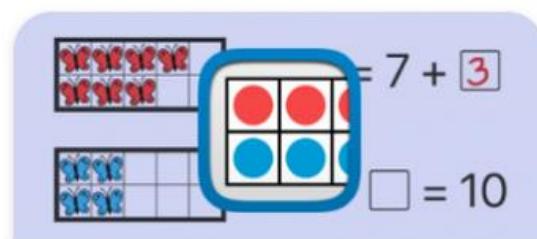
Fractions



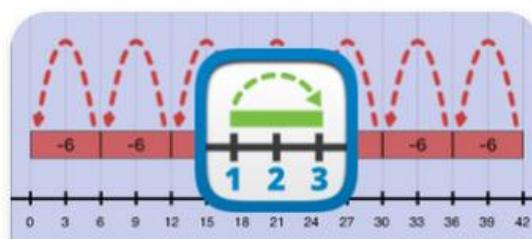
Geoboard



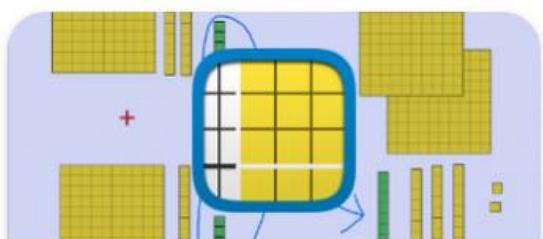
Math Clock



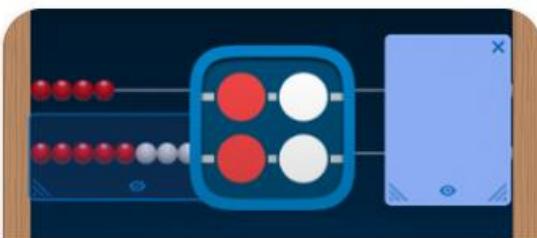
Number Frames



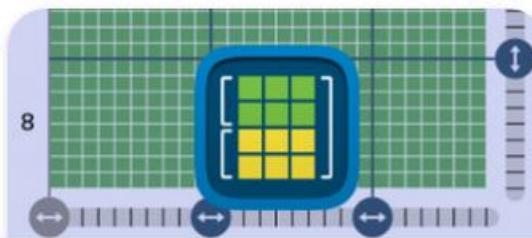
Number Line



Number Pieces



Number Rack



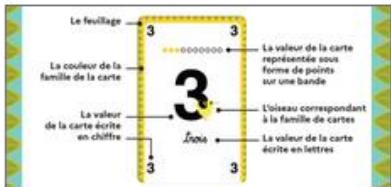
Partial Product



Pattern Shapes

« Oiseaux-compteurs », un jeu de cartes mathématiques au CP

Ressources à télécharger



[Télécharger la présentation du jeu de cartes](#)



[Télécharger le jeu de cartes à imprimer](#)



[Télécharger le fichier « openboard » contenant les images des cartes pour tableaux interactifs](#)



[Télécharger le tutoriel vidéo de présentation du matériel du jeu](#)

Des ressources pour les professeurs



Ce livret à destination des professeurs situe le coffret de cartes « Oiseaux-compteurs » dans un contexte plus large.

- Une progression de l'introduction des jeux dans les apprentissages
- Une référence aux compétences langagières mobilisées
- Jeu et compétences psychosociales
- Place du jeu dans les apprentissages
- Les gestes du joueur
- Posture de l'enseignant

