

Virtual Manipulatives

Fall 2020
EDC 370E

Number & Operations

Place Value

Fractions & Decimals

Integers & Algebra

Geometry

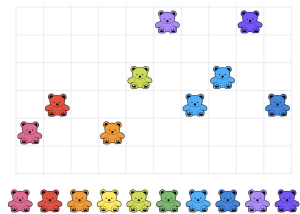
Time & Money

Data & Probability

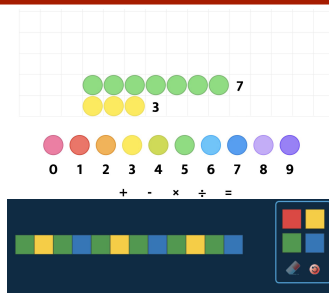
Extras

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www.sarahpowellphd.com
[@sarahpowellphd](https://twitter.com/sarahpowellphd)

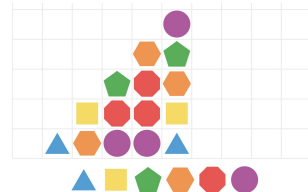
Number & Operations



bear counters



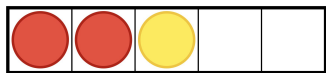
counters



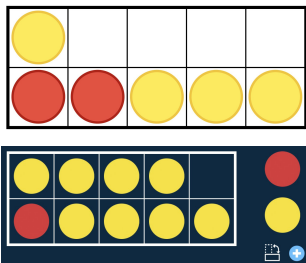
shape counters



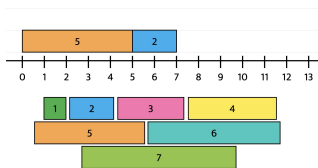
two-color
counters



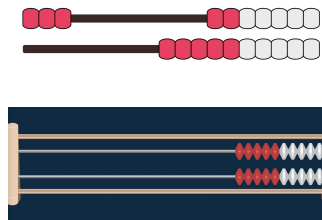
five frame



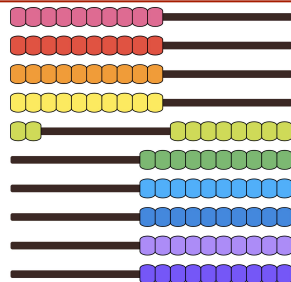
ten frame



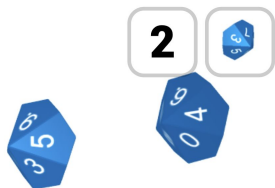
number line



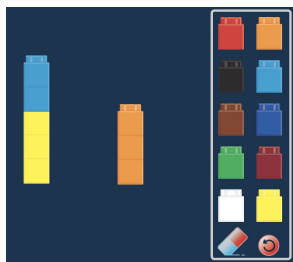
Rekenrek



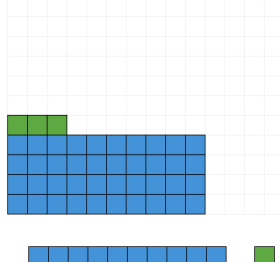
abacus



dice



unifix cubes



base-10 blocks

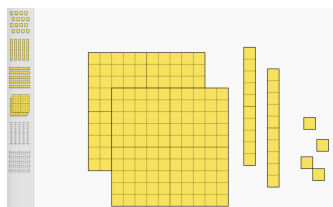
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

○ ● ● ● ● ● ● ● ● ● ● Clear Hide Up

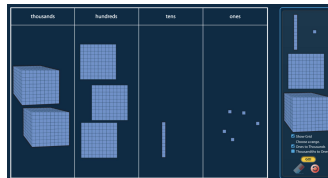
hundred chart



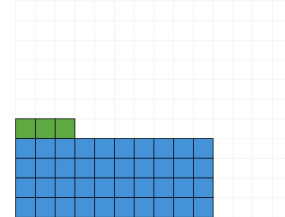
Place Value



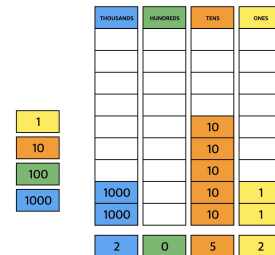
base-10 blocks



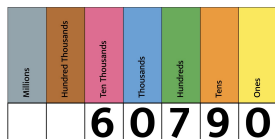
base-10 blocks



base-10 blocks



mat

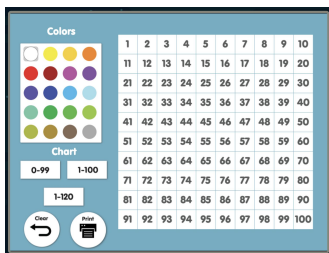


60,790

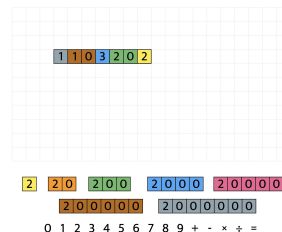
$60,000 + 700 + 90$

sixty thousand seven hundred ninety

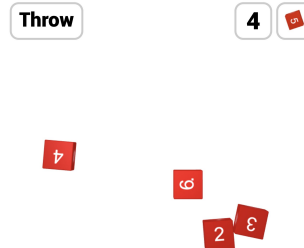
chart



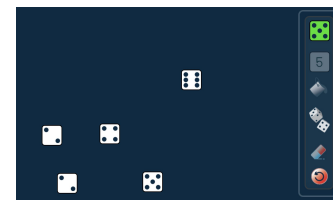
hundred chart



cards



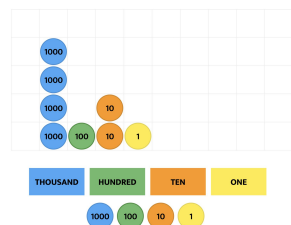
dice



dice



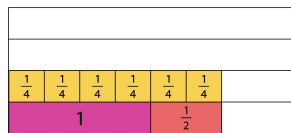
place value disks



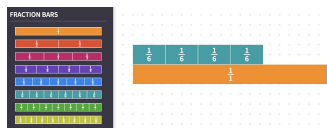
place value disks



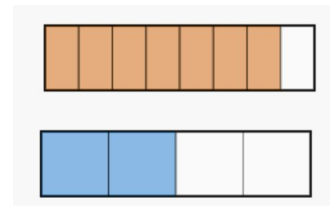
Fractions & Decimals



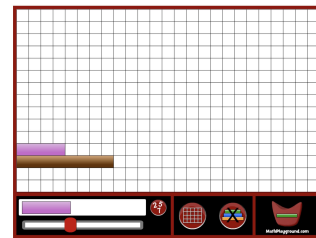
fraction strips



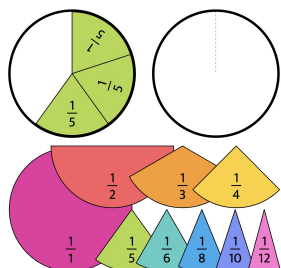
fraction strips



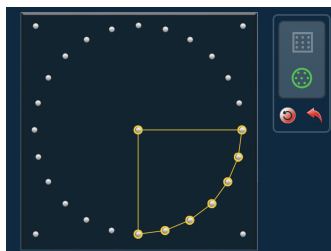
fraction strips



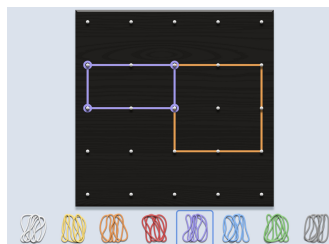
Cuisenaire rods



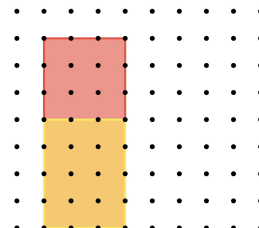
fraction circles



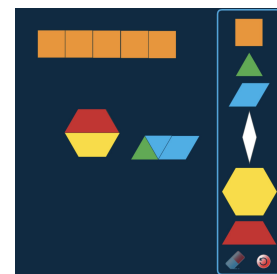
geoboard



geoboard



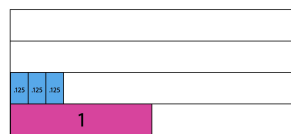
geoboard



pattern blocks



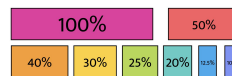
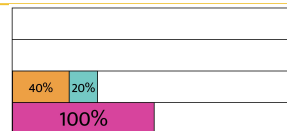
two-color
counters



decimal strips



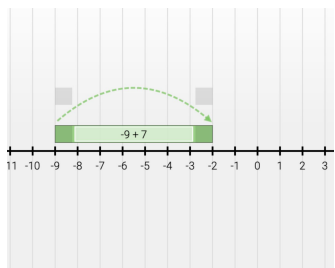
place value disks



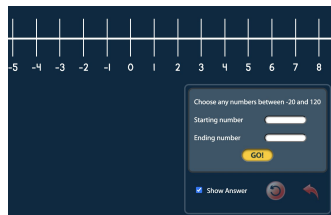
percentage
strips



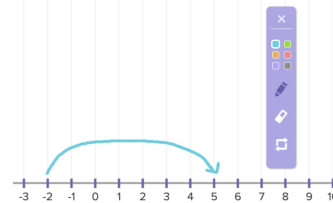
Integers & Algebra



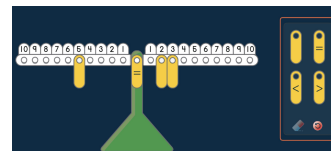
number line



number line



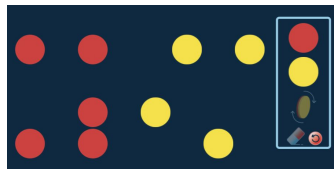
number line



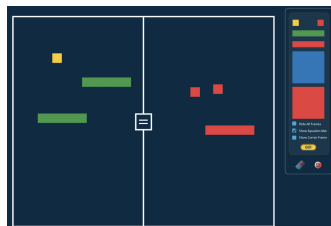
balance scale



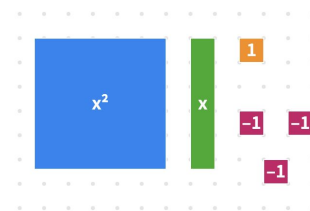
two-color
counters



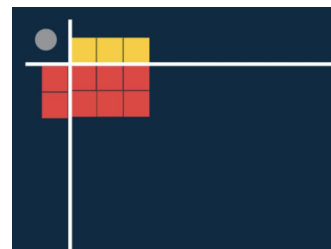
two-color
counters



algebra tiles



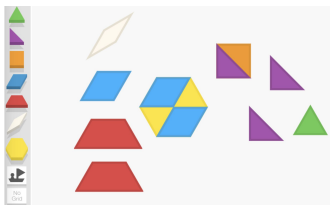
algebra tiles



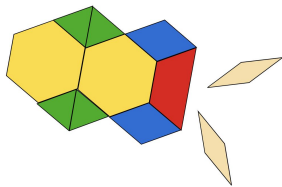
algebra tiles



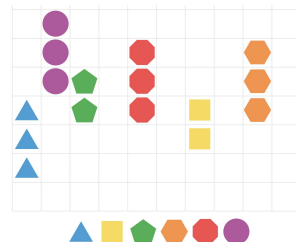
Geometry



pattern blocks



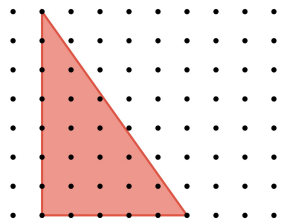
pattern blocks



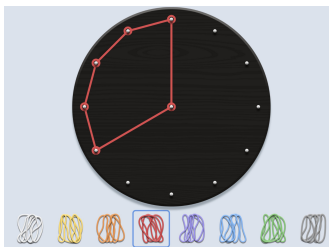
shapes



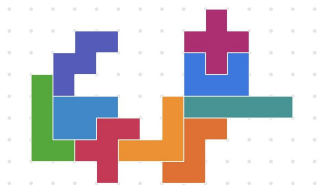
polygons



geoboard



geoboard



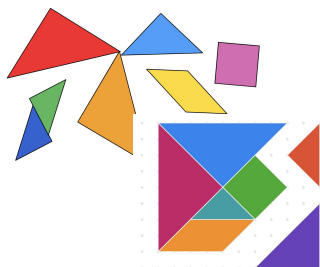
pentominoes



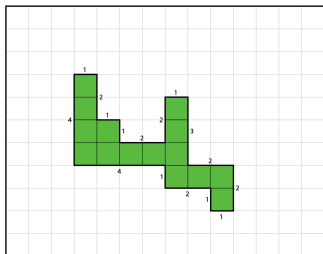
protractor



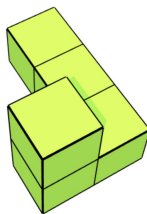
lines and angles



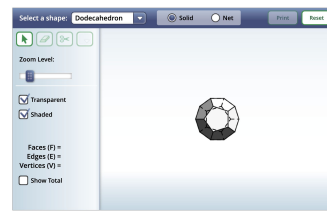
tangram



perimeter/area



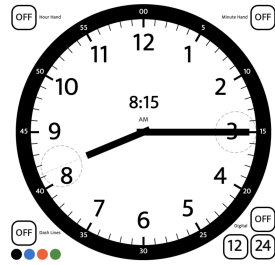
cube builder



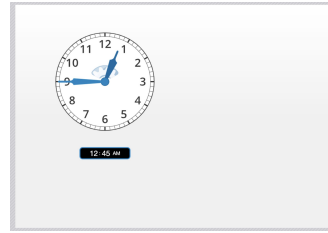
geometric solids



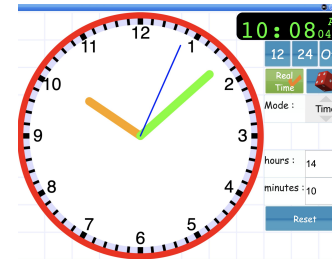
Time & Money



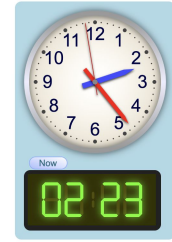
clock



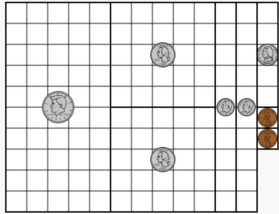
clock



clock



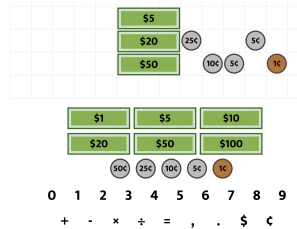
clock



money mats

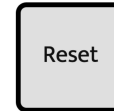


money strips



money

00:05:15



stopwatch

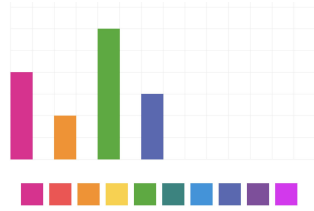
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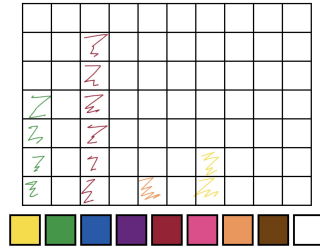
timer



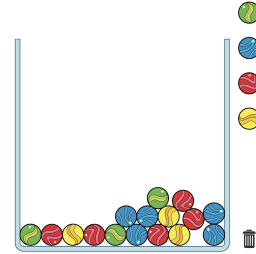
Data & Probability



graph



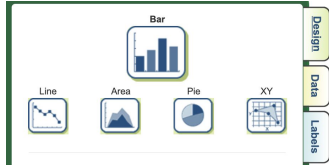
graph



marble jar



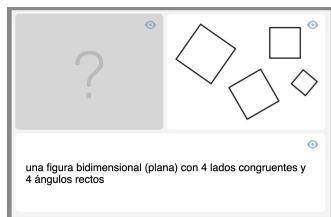
spinner



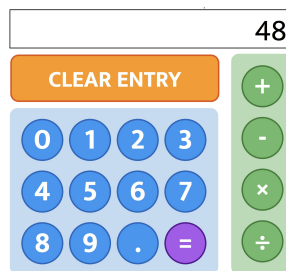
graph maker



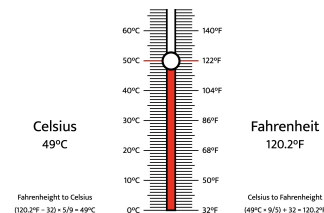
Extras



vocabulary
cards



calculator

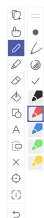


thermometer

1 4 7 8

0 1 2 3 4 5 6 7 8 9
+ - × ÷ =

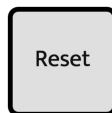
numbers



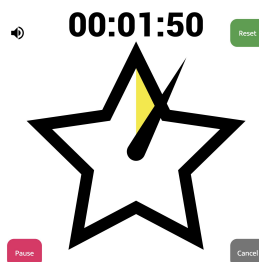
$$\begin{array}{r} 26 \\ + 47 \\ \hline 60 \\ + 13 \\ \hline 73 \end{array}$$

whiteboard

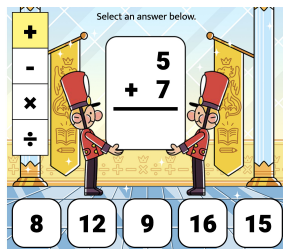
00:05:15



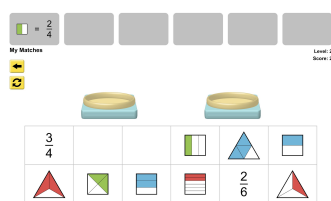
stopwatch



timer



fact flashcards



fraction
equivalence

