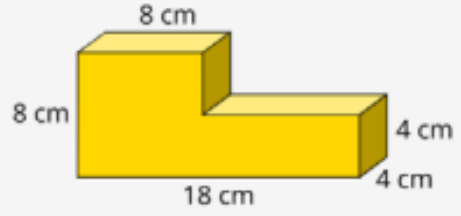




i-Ready Diagnostic  
Sample Items  
Math Item Tools

# Four Function Calculator

What is the volume of this figure?



8 cm  
8 cm  
18 cm  
4 cm  
4 cm


Enter your answer in the box.


square centimeters


← 🗑

x			
0			
7	8	9	+
4	5	6	×
1	2	3	-
0	.		÷
C			=



# Five Function Calculator


 What is the length of the hypotenuse of a right triangle with legs that measure 20 inches and 21 inches?



 Type the answer in the box.

inches



The calculator interface shows a display with the number 0. The keypad includes buttons for digits 0-9, a decimal point, a fraction template button, a square root button, a clear button (C), and basic arithmetic operators: addition (+), subtraction (-), multiplication (x), and division (/).

# Ruler



What is the length of the paintbrush in centimeters?  
Use the ruler to measure the length of the paintbrush. Click the Ruler button below.



10



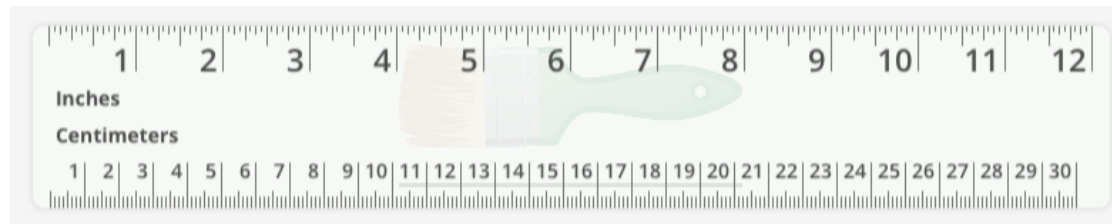
9




11



4



# Base Ten Blocks

 Add.  
Use the base-ten blocks. Click the Base-Ten Blocks button below.

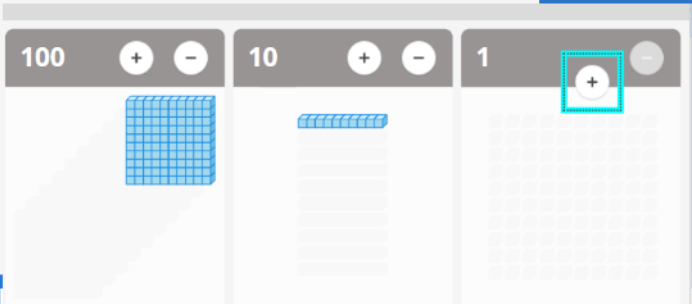
$$\begin{array}{r} 35 \\ 29 \\ 2 \\ + 13 \\ \hline \end{array}$$

79

67

77


69




100 + - 10 + - 1 + -





← 🗑️

# Hundred Chart

 What is the rule for the number pattern below?  
Use the hundred chart. Click the Hundred Chart button below.

87, 67, 47, 27, ...



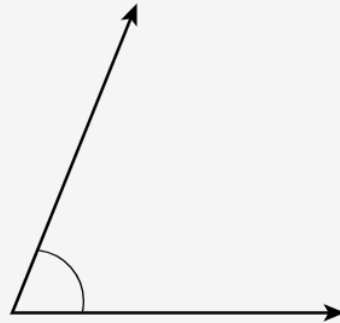
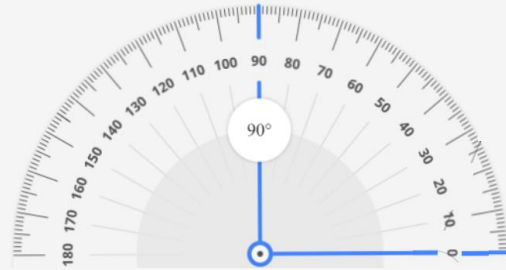
 Add 7.     Subtract 20.     Subtract 2.     Add 10.

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

# Protractor



Measure the angle.  
Use the protractor. Click the Protractor button below.



68°

72°

77°

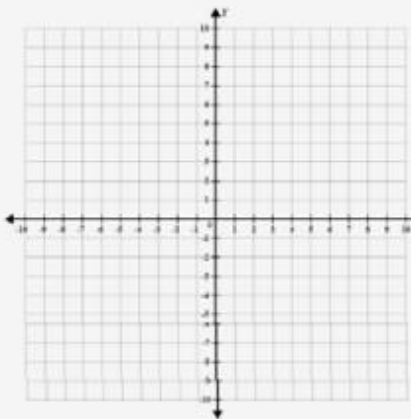
63°

# Coordinate Grid

What is the solution of this system of linear equations?

$$y = x - 2$$
$$2y + x = 8$$

Click on the coordinate grid below to graph the lines.



no solution


infinitely many

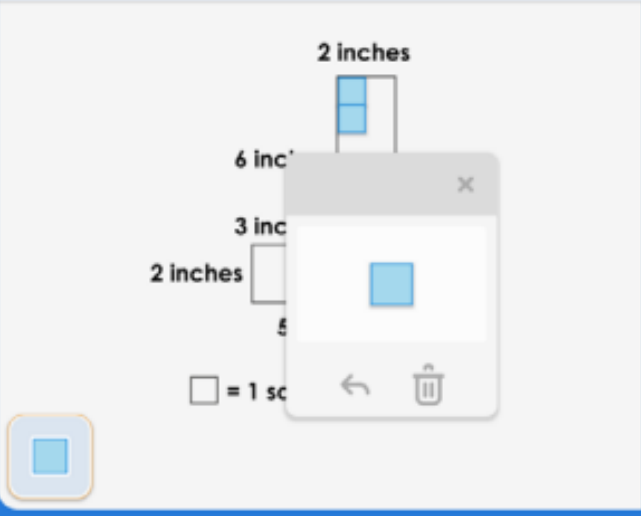
(2, 4)


(4, 2)





# Unit Squares


 What is the area of this figure?  
Use unit squares. Click the Unit Square button below.




 18 square inches


 22 square inches

 26 square inches

 15 square inches

## Base Ten Blocks

 Which number is less than 5?  
Use the counters with the ten-frame. Click the Counters button below.

2      9      6