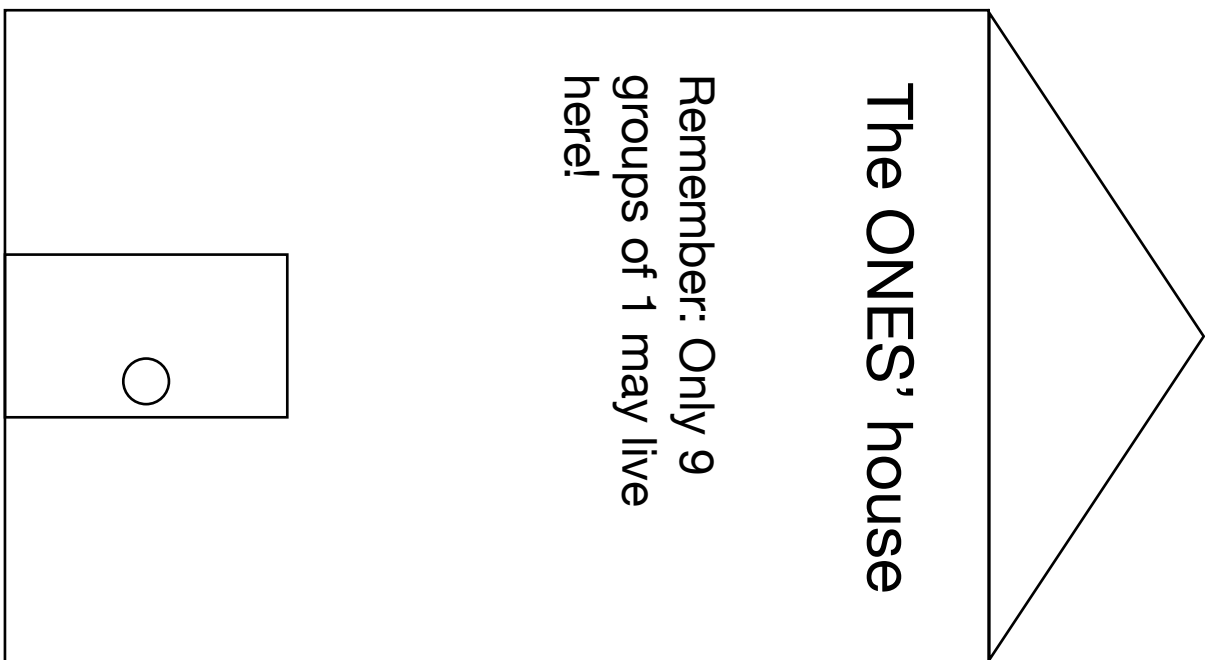
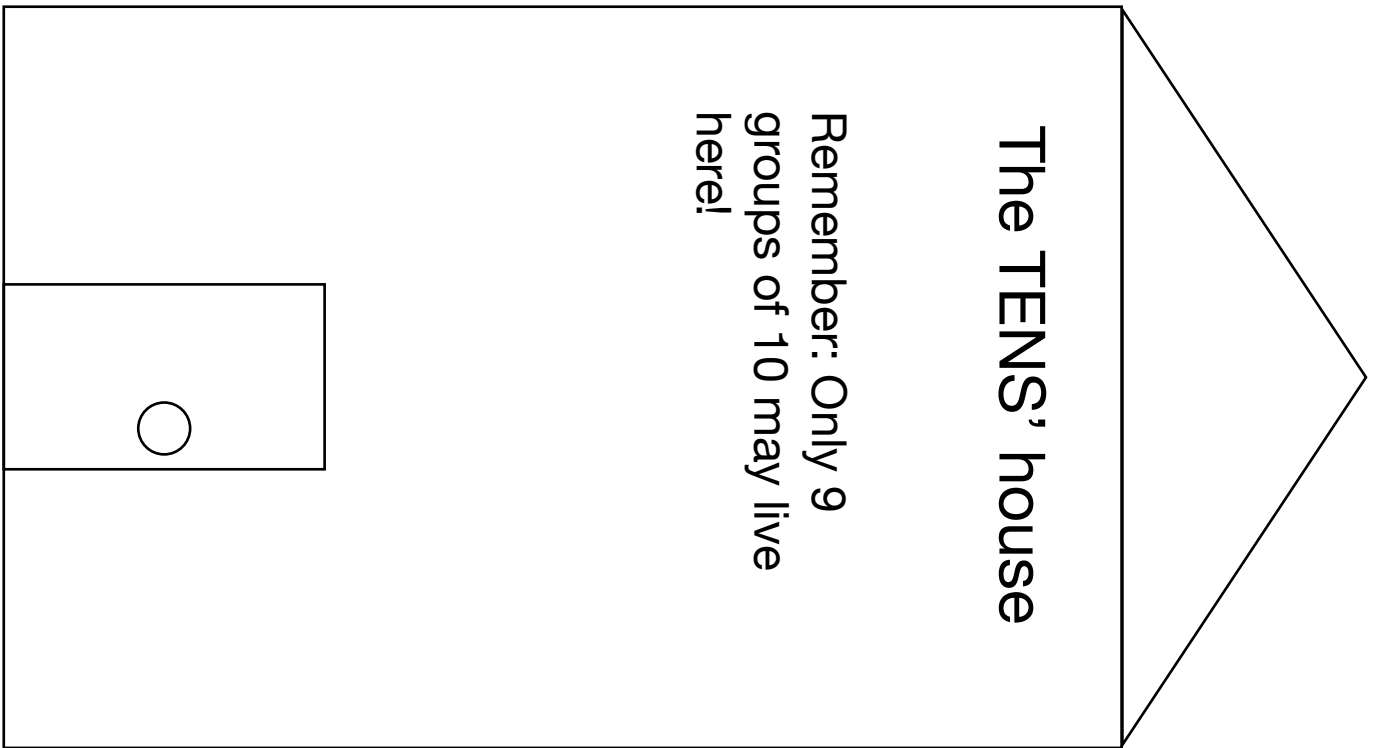


Manipulatives Section

Manipulatives are simply objects used to teach students through hands-on learning. The manipulatives listed here can be found on the following pages. Below each one are the pages where you can find them mentioned in the book.

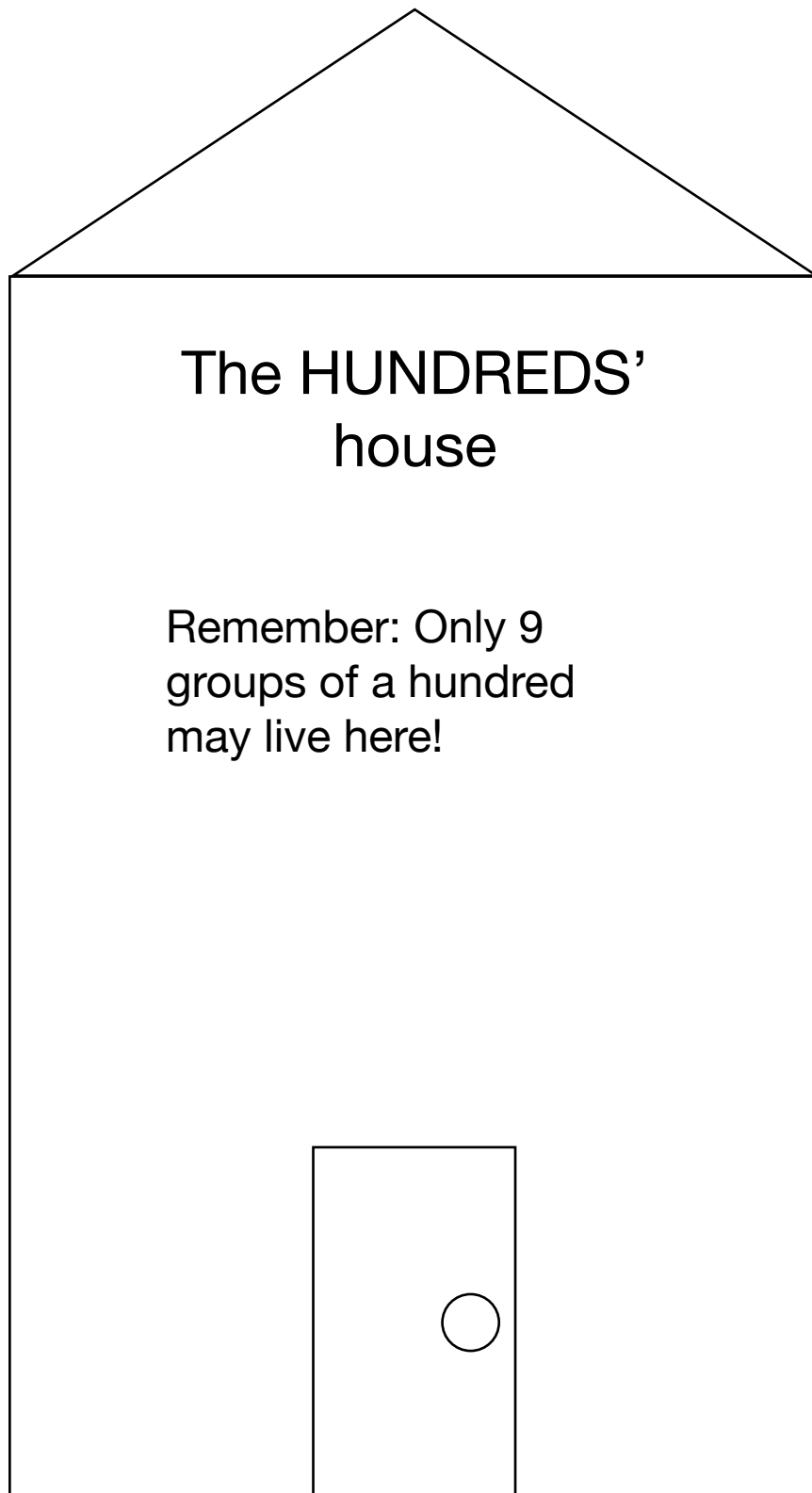
- Place Value Village (pages 327 and 329)
Reference pages: 85, 87, 90, 91, 93, 96–100, 107, 108, 113, 116–118, 121, 124, 125, 131, 139, 142, 158, 183, 189, 192, 193, 199, 205, 219, 228, 256, 265, 293–297
- Place Value Village Counting Mat (page 331)
Reference pages: 85, 91, 97–100, 116–118, 121, 125, 131, 139, 142, 158, 183, 192, 193, 199, 219, 293–297
- My Addition Mat (horizontal) (page 333)
Reference pages: 132, 133, 138, 140, 143, 147, 149, 182, 193, 205, 213, 225, 300
- My Addition Mat (vertical) (page 334)
Reference pages: 155, 182, 193, 213, 302
- Number Cards (page 335)
Reference pages: 66, 93, 121, 132, 205
- My 100's Chart (page 337)
Reference pages: 100, 114, 124, 148, 158, 160, 166, 175, 178, 182, 184, 189, 190, 192, 196–198, 200, 202–204, 209, 212, 217–220, 225, 228, 235, 239, 246, 248, 265, 266, 270, 274, 279, 281, 294–298, 307, 308, 312, 314, 315, 320–324
- Days-of-the-Week Cards (page 339)
Reference pages: 146, 149, 150, 165, 174, 177
- Clock Assembly (page 341)
Reference pages: 226–228, 233–235, 237–239, 243

Place Value Village, TENS' house and ONES' house



Remove from book, cut out each house, color, paste to sturdy paper, and laminate. Adhere houses to sides of Place Value Village containers.

Place Value Village, HUNDREDS' house



Remove from book, cut out house, color, paste to sturdy paper, and laminate. Adhere house to side of Place Value Village container.

Place Value Village Counting Mat

HUNDREDS

TENS

ONES

Remove from book, trim rough edges, and laminate. Store with your Place Value Village!
Use with washable markers.

My Addition Mat (horizontal side)

$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square + \square = \square$$

Carefully pull this page out of your book, trim off rough edge and laminate with contact paper.
Use with washable markers.

My Addition Mat (vertical side)

	<input type="text"/>	
	<input type="text"/>	
+	<input type="text"/>	
<hr/>		
	<input type="text"/>	

	<input type="text"/>	
	<input type="text"/>	
+	<input type="text"/>	
<hr/>		
	<input type="text"/>	

Carefully pull this page out of your book, trim off rough edge and laminate with contact paper.

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
0			

My 100's Chart

0	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									

Directions: Remove from book, trim rough edge and laminate.

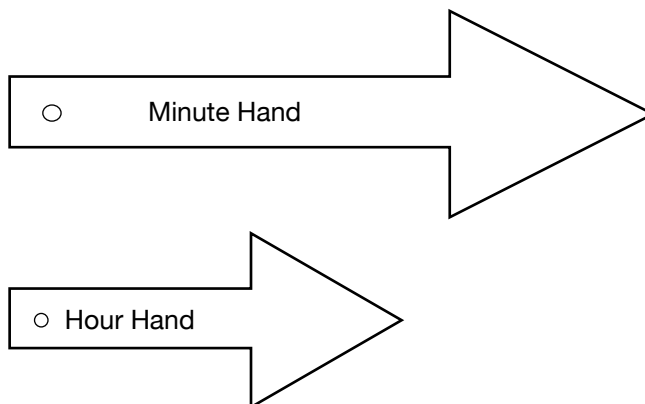
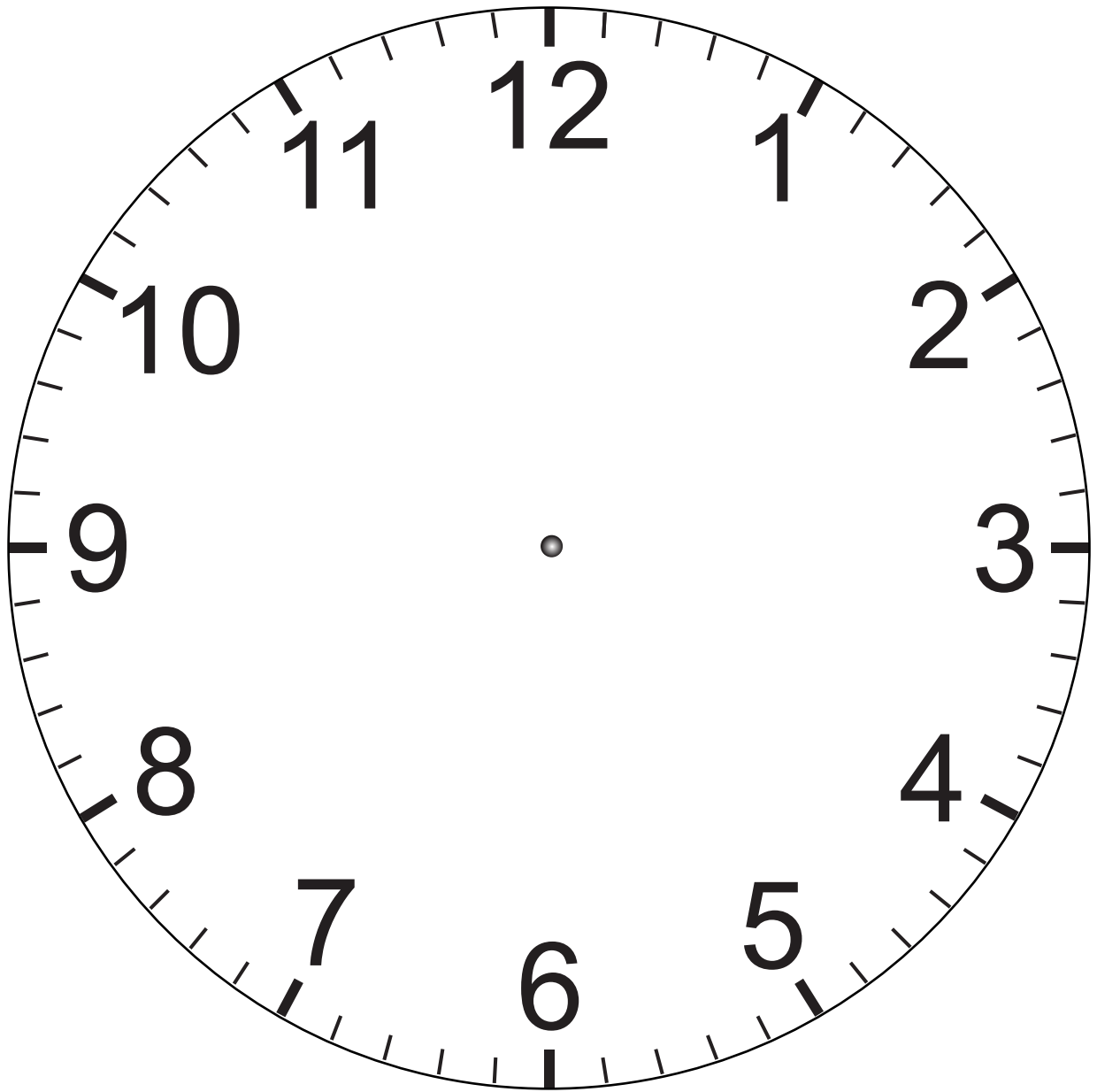
Use with washable markers.

Days-of-the-Week Cards

Sunday	Monday
Tuesday	Wednesday
Thursday	Friday
Saturday	

Cut out cards and store them in an envelope in your manipulatives container.

Clock Assembly (instructions on back)



Assembly instructions on the back of this page.

Assembly directions:

Carefully cut out clock and hands. Color the hour hand blue and the minute hand red. Cover each piece with contact paper, and trim close to the edge. With a sharp pencil make a small hole where it is marked in the center of the clock and hands.
(ADULTS DO THIS STEP)

Stack the minute hand on the top of the hour hand.

Use a brass fastener to connect the hands to the clock.