

Area/Perimeter Capture

Materials needed:

- Dry erase boards/markers/erasers – different colors for each different player.
- Area/Perimeter Capture grid – Pizza box
- Coin for flipping.

To Play: Player 1 draws a rectangle card and then flips a coin to determine whether to calculate area or perimeter (Heads is Area/Tails Perimeter). When the player has answered the problem correctly, he/she may start in a corner and draw a rectangle on the grid with the dimensions of the rectangle on the card. Write the problem and the answer inside the rectangle.

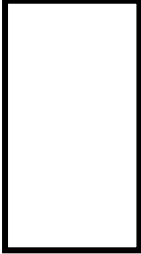
Continue taking turns working problems and drawing rectangles. New rectangles must be adjacent to previously drawn triangles.

To win: When there are no longer enough squares left to draw a rectangle from one of the cards, the game is over. The Player who has captured the most square units on the grid is the winner.

Printing instructions: 1-sided, horizontal, black and white.

Rectangle	Perimeter	Area	Rectangle	Perimeter	Area	Rectangle	Perimeter	Area
1.	40	91	31.	38	88	61.	42	104
2.	58	154	32.	44	40	62.	52	105
3.	38	18	33.	48	135	63.	84	432
4.	56	147	34.	54	176	64.	46	130
5.	66	216	35.	72	320	65.	16	7
6.	52	48	36.	70	286	66.	50	126
7.	62	234	37.	54	182	67.	58	100
8.	32	55	38.	40	91	68.	78	360
9.	64	252	39.	40	96	69.	42	38
10.	38	78	40.	70	304	70.	56	147
11.	76	325	41.	44	120	71.	58	204
12.	8	3	42.	70	300	72.	56	96
13.	34	72	43.	12	5	73.	58	168
14.	44	120	44.	74	322	74.	48	140
15.	78	378	45.	54	50	75.	44	121
16.	28	13	46.	72	323	76.	80	396
17.	48	143	47.	80	399	77.	66	230
18.	68	288	48.	46	126	78.	68	285
19.	42	38	49.	24	27	79.	40	36
20.	58	100	50.	14	6	80.	32	15
21.	60	209	51.	48	144	81.	36	32
22.	48	144	52.	26	40	82.	28	33
23.	56	75	53.	70	264	83.	62	150
24.	54	126	54.	28	33	84.	60	209
25.	64	192	55.	46	120	85.	32	28
26.	36	72	56.	78	374	86.	24	32
27.	60	189	57.	66	270	87.	42	80
28.	72	308	58.	74	336	88.	62	168
29.	72	323	59.	86	456	89.	64	192
30.	82	414	60.	72	288	90.	50	154


$W = 7$
 $L = 13$



Area Practice – Perimeter/Area Capture

1


$W = 22$
 $L = 7$



Area Practice – Perimeter/Area Capture

2


$W = 1$
 $L = 18$



Area Practice – Perimeter/Area Capture

3


$W = 21$
 $L = 7$



Area Practice – Perimeter/Area Capture

4


$W = 9$
 $L = 24$



Area Practice – Perimeter/Area Capture

5


$W = 24$
 $L = 2$



Area Practice – Perimeter/Area Capture

6


$W = 13$
 $L = 18$



Area Practice – Perimeter/Area Capture

7

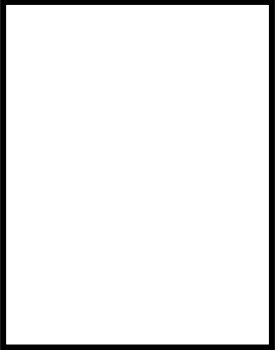
$W = 11$
 $L = 5$



Area Practice – Perimeter/Area Capture

8


$W = 14$
 $L = 18$



Area Practice – Perimeter/Area Capture

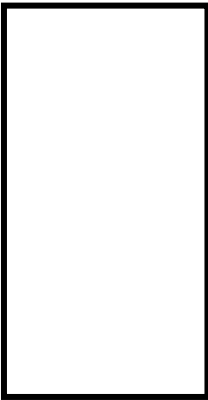
9

$W = 13$
 $L = 6$




Area Practice – Perimeter/Area Capture **10**

$W = 13$
 $L = 25$




Area Practice – Perimeter/Area Capture **11**

$W = 1$
 $L = 3$



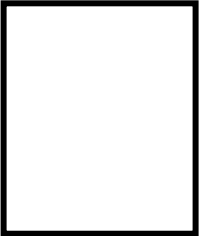
Area Practice – Perimeter/Area Capture **12**

$W = 9$
 $L = 8$



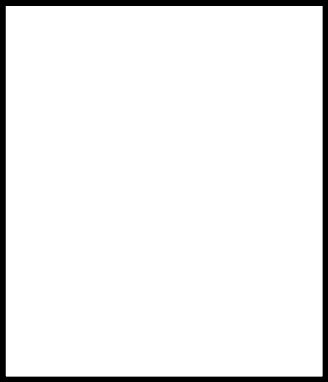
Area Practice – Perimeter/Area Capture **13**

$W = 10$
 $L = 12$




Area Practice – Perimeter/Area Capture **14**

$W = 18$
 $L = 21$




Area Practice – Perimeter/Area Capture **15**

$W = 1$
 $L = 13$



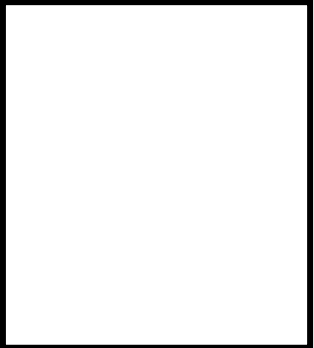
Area Practice – Perimeter/Area Capture **16**

$W = 13$
 $L = 11$



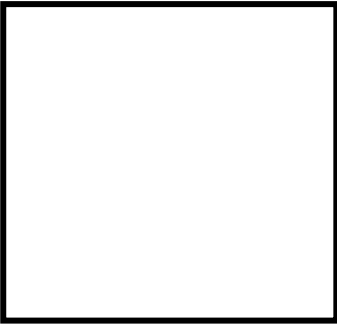
Area Practice – Perimeter/Area Capture **17**

$W = 16$
 $L = 18$



Area Practice – Perimeter/Area Capture **18**


$W = 2$
 $L = 19$



Area Practice – Perimeter/Area Capture

19


$W = 25$
 $L = 4$



Area Practice – Perimeter/Area Capture

20

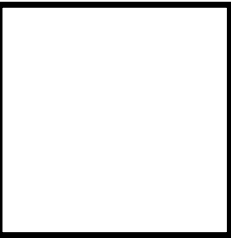
$W = 19$
 $L = 11$



Area Practice – Perimeter/Area Capture

21


$W = 12$
 $L = 12$



Area Practice – Perimeter/Area Capture

22


$W = 25$
 $L = 3$



Area Practice – Perimeter/Area Capture

23


$W = 6$
 $L = 21$



Area Practice – Perimeter/Area Capture

24


$W = 8$
 $L = 24$



Area Practice – Perimeter/Area Capture

25

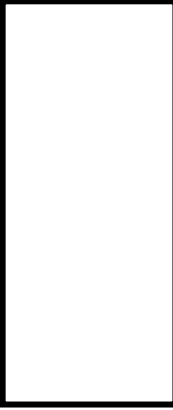
$W = 12$
 $L = 6$



Area Practice – Perimeter/Area Capture

26

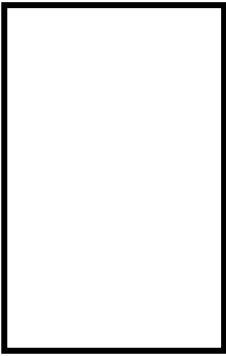
$W = 9$
 $L = 21$



Area Practice – Perimeter/Area Capture

27

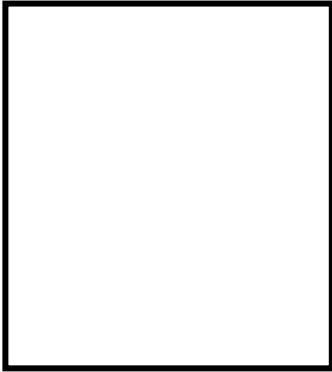
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 $L = 22$



Area Practice – Perimeter/Area Capture

28

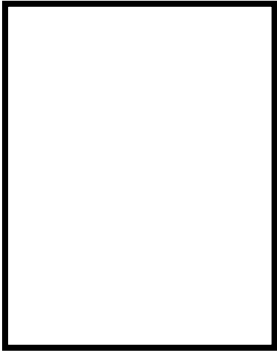
$W = 17$
 $L = 19$



Area Practice – Perimeter/Area Capture

29


$W = 18$
 $L = 23$



Area Practice – Perimeter/Area Capture

30


$W = 11$
 $L = 8$



Area Practice – Perimeter/Area Capture

31


$W = 20$
 $L = 2$



Area Practice – Perimeter/Area Capture

32


$W = 15$
 $L = 9$



Area Practice – Perimeter/Area Capture

33

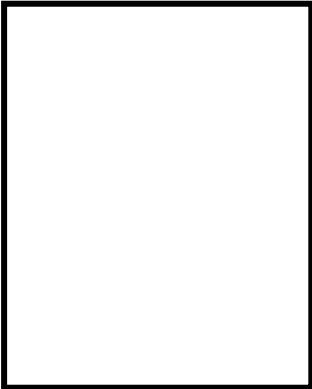
$W = 16$
 $L = 11$



Area Practice – Perimeter/Area Capture

34


$W = 16$
 $L = 20$



Area Practice – Perimeter/Area Capture

35

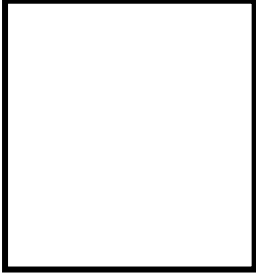
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 $L = 13$



Area Practice – Perimeter/Area Capture

36

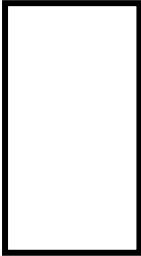
$W = 13$
 $L = 14$



Area Practice – Perimeter/Area Capture

37

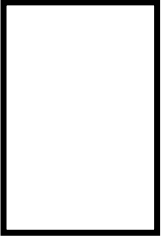
$W = 7$
 $L = 13$



Area Practice – Perimeter/Area Capture

38

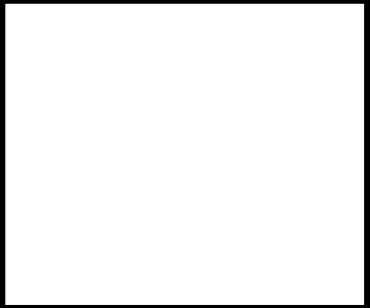
$W = 8$
 $L = 12$



Area Practice – Perimeter/Area Capture

39

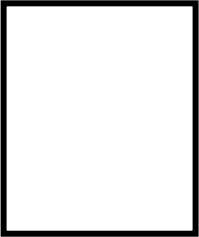
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 $L = 16$



Area Practice – Perimeter/Area Capture

40

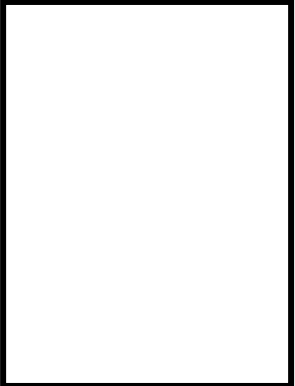
$W = 10$
 $L = 12$



Area Practice – Perimeter/Area Capture

41


$W = 15$
 $L = 20$



Area Practice – Perimeter/Area Capture

42


$W = 1$
 $L = 5$



Area Practice – Perimeter/Area Capture

43


$W = 23$
 $L = 14$



Area Practice – Perimeter/Area Capture

44

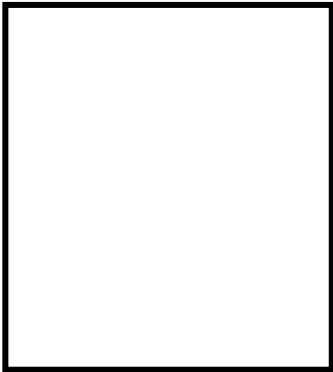
$W = 25$
 $L = 2$



Area Practice – Perimeter/Area Capture

45


$W = 17$
 $L = 19$



46

Area Practice – Perimeter/Area Capture


$W = 21$
 $L = 19$



47

Area Practice – Perimeter/Area Capture

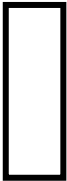
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 $L = 9$



48

Area Practice – Perimeter/Area Capture


$W = 3$
 $L = 9$



49

Area Practice – Perimeter/Area Capture

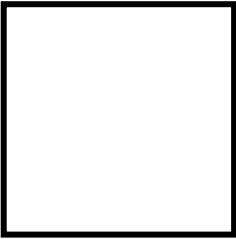
$W = 1$
 $L = 6$



50

Area Practice – Perimeter/Area Capture


$W = 12$
 $L = 12$



51

Area Practice – Perimeter/Area Capture


$W = 5$
 $L = 8$



52

Area Practice – Perimeter/Area Capture

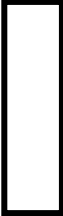
$W = 24$
 $L = 11$



53

Area Practice – Perimeter/Area Capture

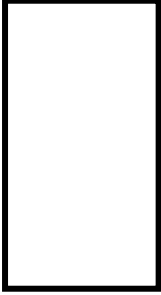
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 $L = 11$



54

Area Practice – Perimeter/Area Capture


$W = 8$
 $L = 15$



55

Area Practice – Perimeter/Area Capture

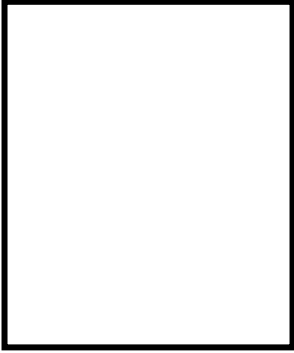
$W = 22$
 $L = 17$



56

Area Practice – Perimeter/Area Capture


$W = 15$
 $L = 18$



57

Area Practice – Perimeter/Area Capture

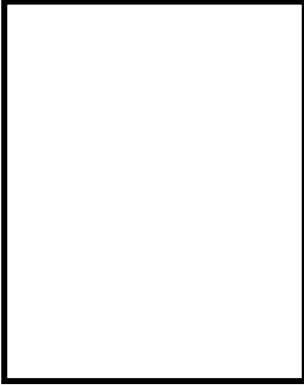
$W = 21$
 $L = 16$



58

Area Practice – Perimeter/Area Capture


$W = 19$
 $L = 24$



59

Area Practice – Perimeter/Area Capture


$W = 24$
 $L = 12$



60

Area Practice – Perimeter/Area Capture


$W = 13$
 $L = 8$



61

Area Practice – Perimeter/Area Capture


$W = 21$
 $L = 5$



62

Area Practice – Perimeter/Area Capture


$W = 24$
 $L = 18$



63


Area Practice – Perimeter/Area Capture

$W = 13$
 $L = 10$




Area Practice – Perimeter/Area Capture **64**

$W = 7$
 $L = 1$




Area Practice – Perimeter/Area Capture **65**

$W = 18$
 $L = 7$




Area Practice – Perimeter/Area Capture **66**

$W = 25$
 $L = 4$




Area Practice – Perimeter/Area Capture **67**

$W = 24$
 $L = 15$




Area Practice – Perimeter/Area Capture **68**

$W = 19$
 $L = 2$




Area Practice – Perimeter/Area Capture **69**

$W = 21$
 $L = 7$



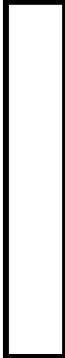
Area Practice – Perimeter/Area Capture **70**

$W = 17$
 $L = 12$




Area Practice – Perimeter/Area Capture **71**

$W = 4$
 $L = 24$



Area Practice – Perimeter/Area Capture **72**

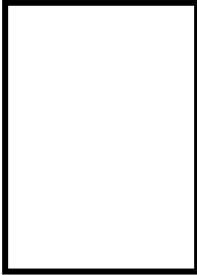
$W = 21$
 $L = 8$



73

Area Practice – Perimeter/Area Capture

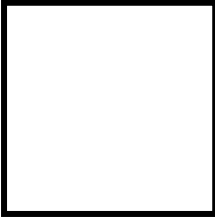
$W = 10$
 $L = 14$



74

Area Practice – Perimeter/Area Capture


$W = 11$
 $L = 11$



75

Area Practice – Perimeter/Area Capture


$W = 22$
 $L = 18$



76

Area Practice – Perimeter/Area Capture


$W = 23$
 $L = 10$



77

Area Practice – Perimeter/Area Capture

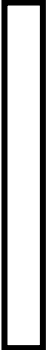
$W = 19$
 $L = 15$



78

Area Practice – Perimeter/Area Capture


$W = 2$
 $L = 18$



79

Area Practice – Perimeter/Area Capture


$W = 1$
 $L = 15$



80

Area Practice – Perimeter/Area Capture


$W = 2$
 $L = 16$



81

Area Practice – Perimeter/Area Capture


$W = 3$
 $L = 11$



Area Practice – Perimeter/Area Capture

82


$W = 6$
 $L = 25$



Area Practice – Perimeter/Area Capture

83


$W = 19$
 $L = 11$



Area Practice – Perimeter/Area Capture

84


$W = 2$
 $L = 14$



Area Practice – Perimeter/Area Capture

85

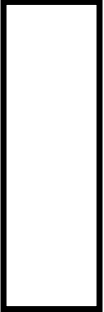
$W = 8$
 $L = 4$



Area Practice – Perimeter/Area Capture

86


$W = 5$
 $L = 16$



Area Practice – Perimeter/Area Capture

87


$W = 24$
 $L = 7$



Area Practice – Perimeter/Area Capture

88

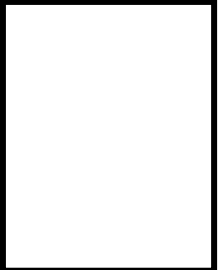
$W = 8$
 $L = 24$



Area Practice – Perimeter/Area Capture

89

$W = 11$
 $L = 14$



Area Practice – Perimeter/Area Capture

90