

LANDING PATTERNS

Materials

For each group of four students:

Landing Patterns game board

Landing Patterns cards

Landing Patterns spinner

4 game tokens (different colors)

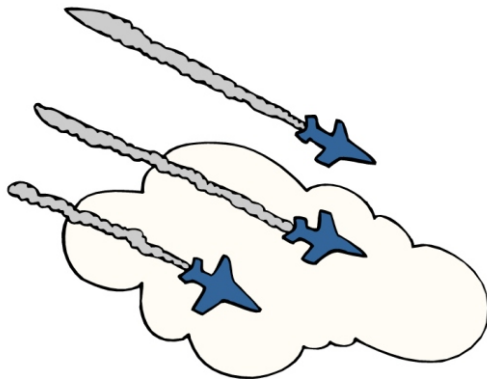


Number of Players

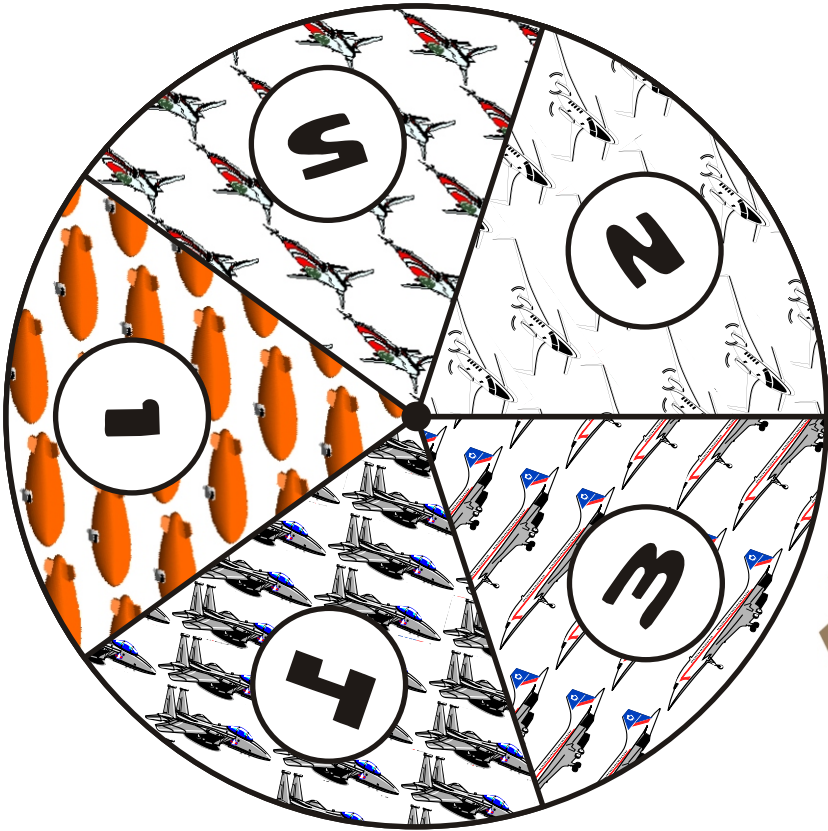
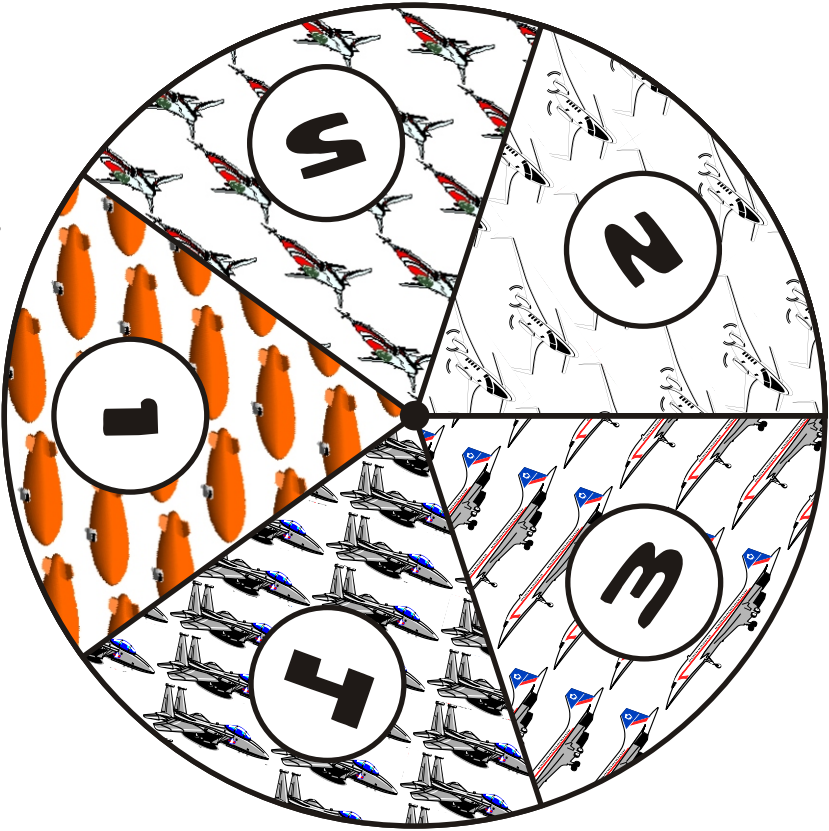
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Directions

1. Divide the students into groups of four.
2. Each player places his or her game token on start.
3. The cards should be shuffled and placed problem side up (answer side down) between the students.
4. Each student spins the spinner. The student who lands on the highest number will begin first. Players continue playing in a clockwise manner.
5. For the first move, Player 1 draws a *Landing Patterns* card from the pile and solves the problem. If his or her answer matches the correct answer on the other side of the card, Player 1 may spin the spinner and move that number of spaces on the game board. If an incorrect answer is given then Player 1's turn is over.
6. Play continues in this manner until a player reaches or goes past the airport.
7. The first player to reach or pass the airport wins.



LANDING PATTERNS SPINNER



LANDING PATTERNS SPINNER



LANDING PATTERNS

CARD FRONTS

WHAT NUMBER IS MISSING IN THE PATTERN BELOW?

72	67	62	57	
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WHAT IS THE RULE FOR THIS PATTERN?

12, 16, 15, 19, 18, 22, 21

WHAT NUMBER IS MISSING IN THE PATTERN BELOW?

14	22	30		46
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IF THE NUMBER IN SET A IS 7, WHAT IS ONE WAY TO FIND ITS RELATED NUMBER IN SET B?

SET A	1	3	7
SET B	5	15	

NUMBER OF GUMBALLS	COST OF GUMBALLS
1	25¢
2	50¢
4	\$1.00
6	

BASED ON THE PATTERN ABOVE, WHAT IS THE COST OF 6 GUMBALLS?

3, 4, 6, 9, 13, ____

IF THIS PATTERN CONTINUES, WHAT WILL THE 6TH NUMBER BE?



IF THIS PATTERN CONTINUES, WHAT WILL BE THE NEXT SHAPE IN THE PATTERN?

42, 40, 38, 36, 34, ____, ____

IF THIS PATTERN CONTINUES, WHAT WILL BE THE 7TH NUMBER IN THE PATTERN?

WHAT IS THE RULE FOR THIS PATTERN?

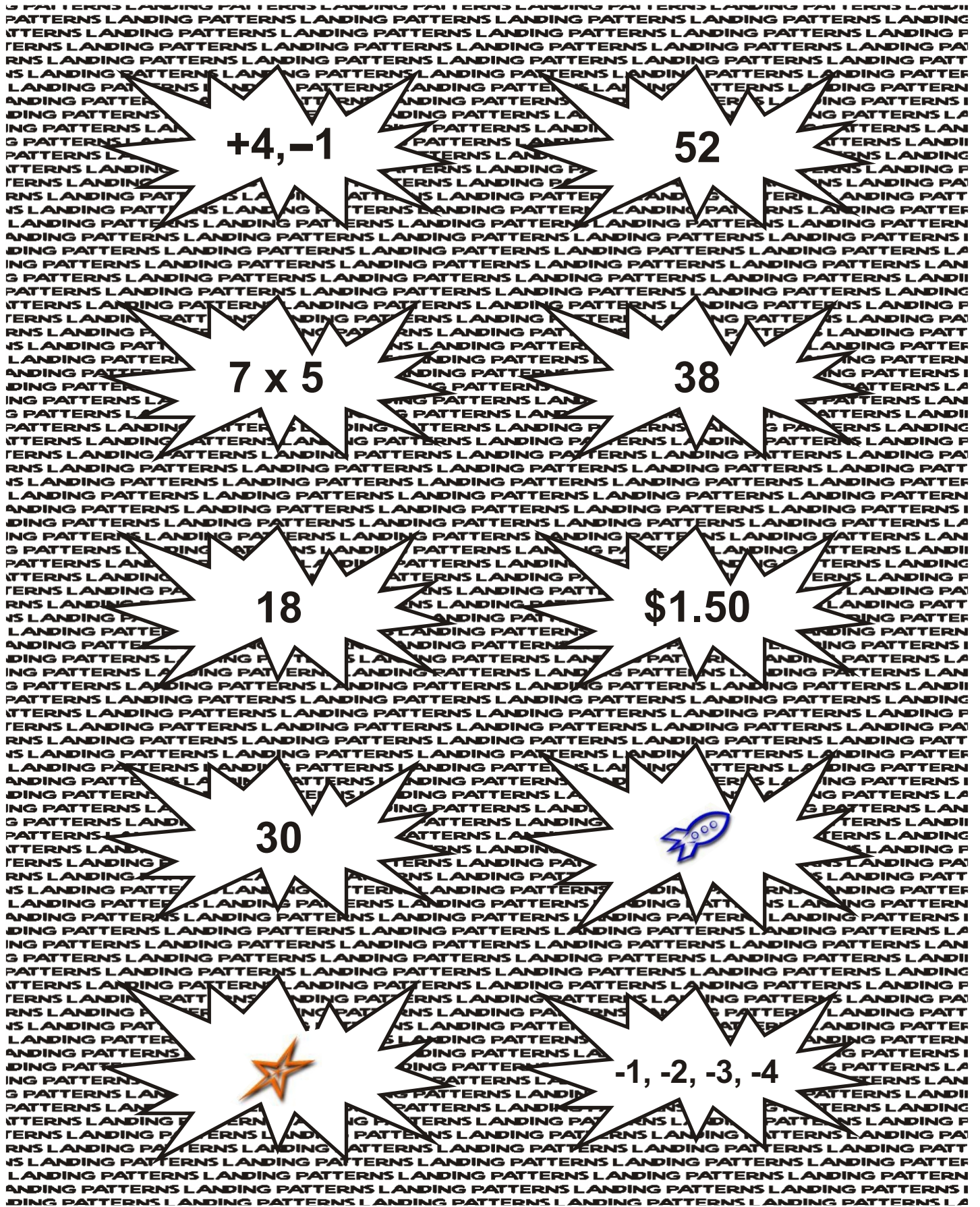
25, 24, 22, 19, 15



IF THIS PATTERN CONTINUES IN THE SAME WAY, WHAT WILL BE THE NEXT SHAPE?

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IF THE NUMBER IN SET X IS 6, WHAT IS ONE WAY TO FIND ITS RELATED NUMBER IN SET Y?

SET X	1	4	6
SET Y	8	11	

IN THIS LIST, THERE IS ONE NUMBER THAT DOES NOT BELONG IN THE PATTERN. WHAT NUMBER DOESN'T BELONG?
125, 100, 89, 75, 50, 25, 0

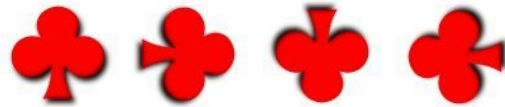
IN THIS LIST, THERE IS ONE NUMBER THAT DOES NOT BELONG IN THE PATTERN. WHAT NUMBER DOESN'T BELONG?
24, 20, 17, 16, 12

NAME THE NEXT 3 NUMBERS IN THIS SEQUENCE.

32, 28, 24, 20, ____, ____, ____

NAME THE NEXT 3 NUMBERS IN THIS SEQUENCE.

15, 21, 27, 33, ____, ____, ____



WHICH SHAPE WILL COME UP NEXT IN THE PATTERN?



WHICH SHAPE WOULD COME NEXT IN THE PATTERN?

NUMBER OF BOXES OF PENCILS	TOTAL NUMBER OF PENCILS
1	10
3	30
5	50
9	

IF THIS PATTERN CONTINUES, HOW MANY PENCILS WILL YOU FIND IN 9 BOXES?

NUMBER OF BOXES OF PINS	TOTAL NUMBER OF PINS
4	400
7	700
9	900
10	

IF THIS PATTERN CONTINUES, HOW MANY PINS WILL YOU FIND IN 10 BOXES?

WHAT NUMBER IS MISSING IN THE PATTERN BELOW?

? 73 82 91 100

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89

ADD 7


16, 12, 8

17



39, 45, 51

90



64

1,000

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CARD FRONTS

WHAT NUMBER IS MISSING IN THE PATTERN BELOW?

?	64	59	54	49
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WHAT IS THE RULE FOR THIS PATTERN?

43, 40, 41, 38, 39, 36, 37

NUMBER OF PAGES	TOTAL NUMBER OF STICKERS
4	40
6	60
8	80
9	90

WHAT IS THE RULE FOR THIS PATTERN?



IF THE PATTERN CONTINUES, WHAT WILL BE THE NEXT SHAPE IN THE PATTERN?

IN THIS LIST, THERE IS ONE NUMBER THAT DOES NOT BELONG IN THE PATTERN. WHAT NUMBER DOESN'T BELONG?

75, 79, 80, 85, 90

IN THIS LIST, THERE IS ONE NUMBER THAT DOES NOT BELONG IN THE PATTERN. WHAT NUMBER DOESN'T BELONG?

5, 12, 15, 25, 35

NUMBER OF TACOS	COST OF TACOS
1	\$1.25
2	\$2.50
3	\$3.75
4	

BASED ON THE PATTERN ABOVE, WHAT WILL BE THE COST OF 4 TACOS?



WHAT 2 SHAPES ARE MISSING IN THIS PATTERN?

WHAT 2 NUMBERS ARE MISSING IN THE PATTERN BELOW?

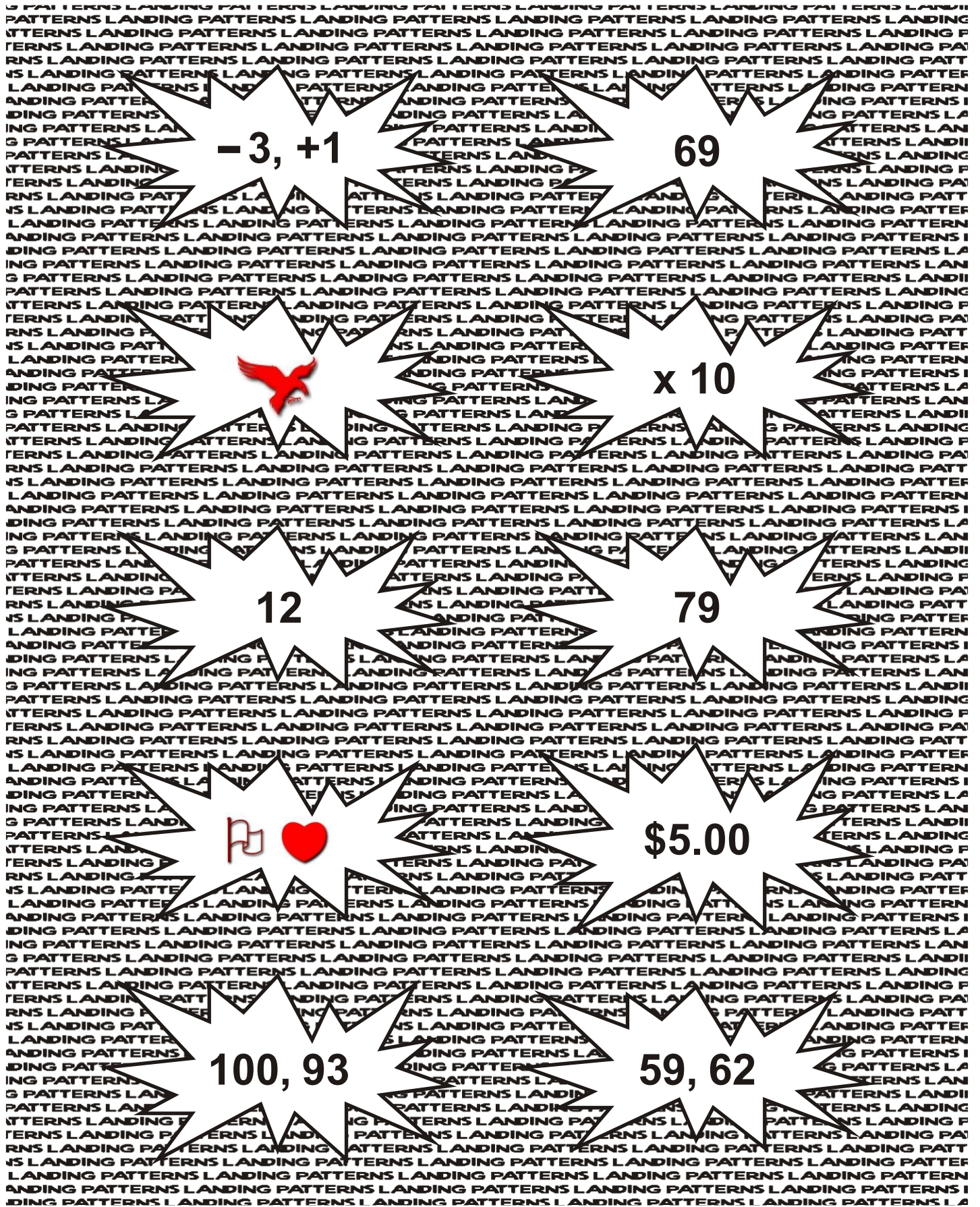
53	56			65
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WHAT 2 NUMBERS ARE MISSING IN THE PATTERN BELOW?

		86	79	72
--	--	----	----	----

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IN THIS LIST, THERE IS ONE NUMBER THAT DOES NOT BELONG IN THE PATTERN. WHAT NUMBER DOESN'T BELONG?

40, 37, 34, 33, 31

IF THE NUMBER IN SET C IS 5, WHAT IS ONE WAY TO FIND ITS RELATED NUMBER IN SET D?

SET C	1	3	5
SET D	4	12	

WHAT IS THE RULE FOR THIS PATTERN?

126, 118, 110, 102, 94

WHAT NUMBER IS MISSING IN THE PATTERN BELOW?

?	85	78	71	64
---	----	----	----	----



IF THE PATTERN CONTINUES, WHAT WILL BE THE NEXT SHAPE IN THE PATTERN?

37, 39, 38, 40, 39, ____

IF THIS PATTERN CONTINUES, WHAT WILL BE THE 6TH NUMBER IN THE PATTERN?

WHAT NUMBER IS MISSING IN THE PATTERN BELOW?

13	25	37		61	73
----	----	----	--	----	----

WHAT IS THE RULE FOR THIS PATTERN?

50, 45, 47, 42, 44

IN THIS LIST, THERE IS ONE NUMBER THAT DOES NOT BELONG IN THE PATTERN. WHAT NUMBER DOESN'T BELONG?

64, 70, 74, 76, 82, 88

IF THE NUMBER IN SET R IS 9, WHAT IS ONE WAY TO FIND ITS RELATED NUMBER IN SET S?

SET R	1	4	9
SET S	10	13	

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