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Credits

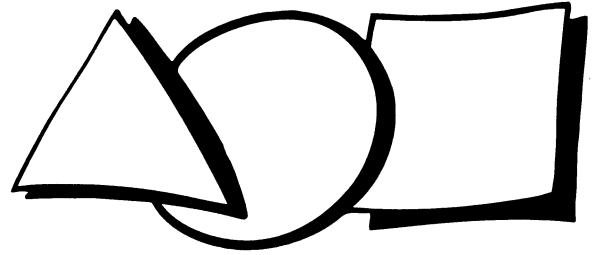
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 Illustrations: Don Ellens
 Cover Art: Annette Hollister-Papp
 Project Director/Editor:
 Rhonda DeWaard
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PATTERNS RULE!

Study and complete the patterns.

1. $\triangle, \bigcirc, \square, \triangle, \bigcirc, \square, _, _, _, _$
2. $\triangle, \bigcirc, \triangle, \triangle, \bigcirc, \square, \triangle, \bigcirc, \triangle, \triangle, \bigcirc, \square, _, _, _, _$
3. $\bigcirc, \triangle, \triangle, \bigcirc, \triangle, \triangle, _, _, _, _$
4. 55, 50, 45, 40, 35, 30, $_, _, _, _$
5. 2, 4, 8, 16, $_, _, _, _$
6. 1, 3, 5, 7, $_, _, _, _$
7. 1, 2, 4, 5, 7, 8, 10, $_, _, _, _$
8. 13, 23, 33, $_, _, _, _$
9. $10 + 8, 9 + 7, 8 + 6, _, _, _$

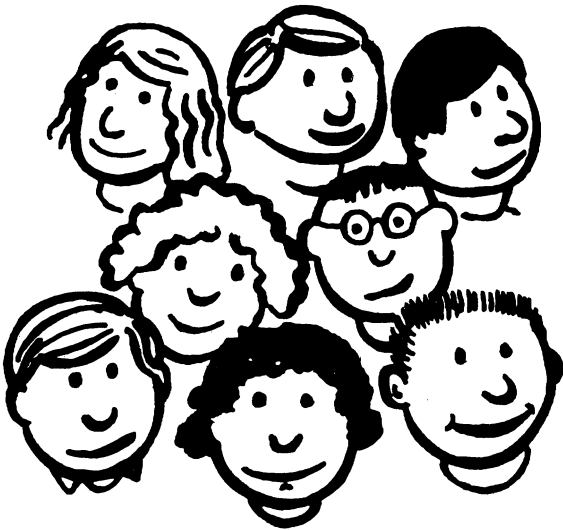
Challenge:

2, 4, 5, 3, 6, 7, 4, 8, 9, $_, _, _, _$

HAIR COLOURS

Relative frequency states the actual frequency of an event related to the total number possible.

The following chart shows the results of a survey that a teacher took in her classroom.



Classroom Survey	
Groups	Out of 24 students
Boys	11
Girls	13
Girls with blonde hair	4
Girls with dark hair	9
Boys with blonde hair	6
Boys with dark hair	5

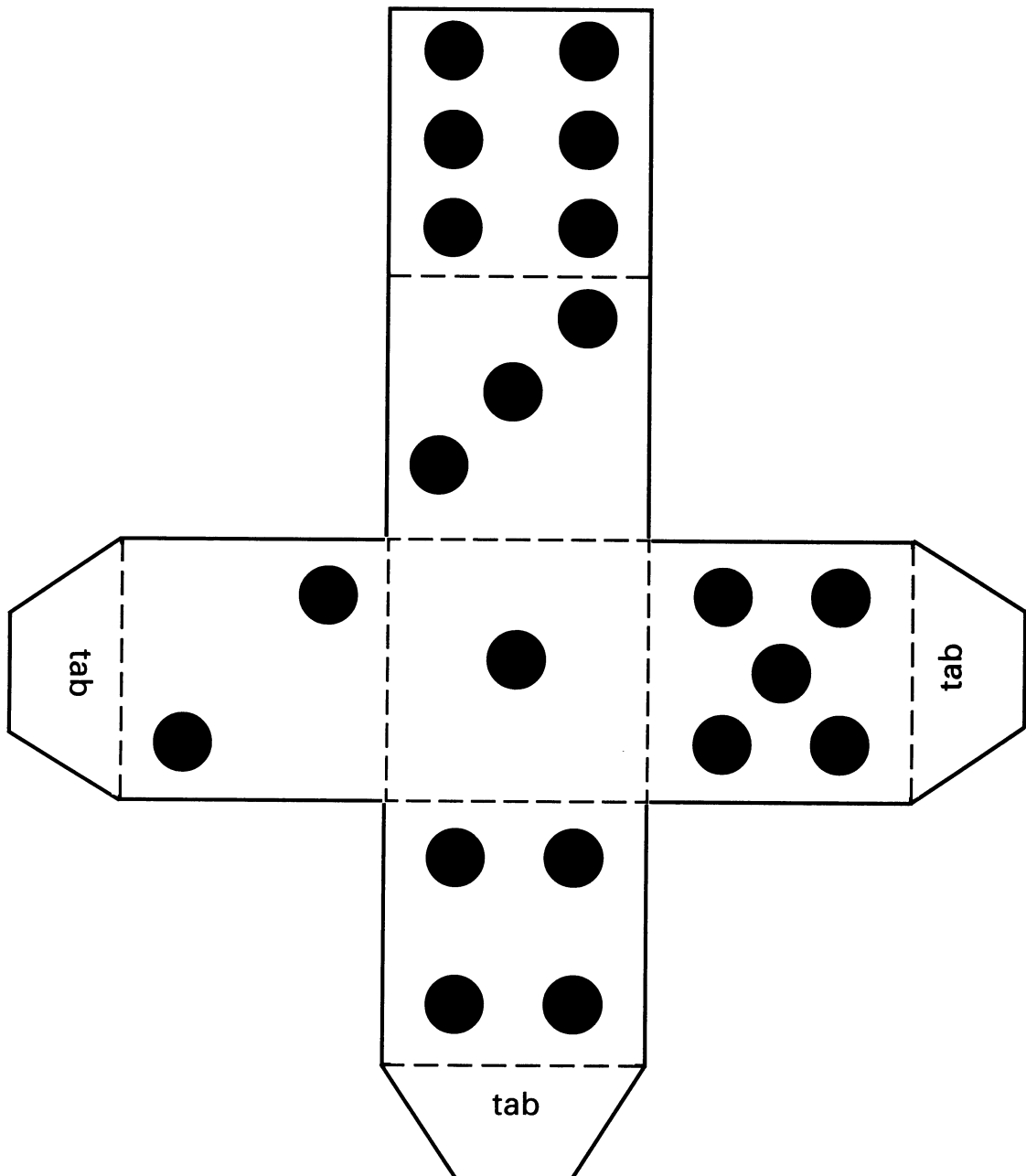
Using the chart above, find the following relative frequencies.

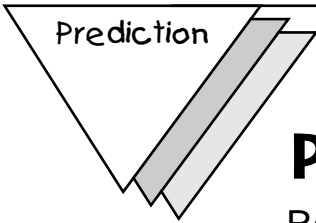
- Boys with dark hair 5 out of 24, or 5/24
- Girls with dark hair _____
- Girls with blonde hair _____
- Boys with blonde hair _____
- Students with dark hair _____
- Students with blonde hair _____
- Boys in the classroom _____
- Girls in the classroom _____
- Boys and girls in the classroom _____
- Boys with red hair _____

FUN WITH DICE

TO MAKE DICE:

You will need tape and two copies of this pattern. Glue the patterns to construction paper and then cut them out. Fold on the dotted lines so that all the edges meet to form a cube. Glue the tabs in place and then tape the edges of the cube together carefully.



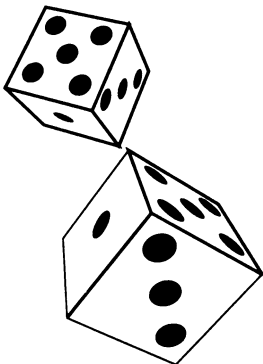
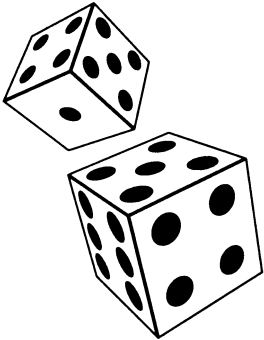
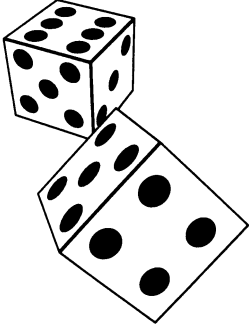


Name _____

Use with pages 7 and 12.

PARTNER PREDICTIONS

Roll 2 dice. Add the numbers to get the sum. Think about what sums you might get on future rolls. Set the dice aside. Predict what sums your partner will roll in 10 tries. (Your partner will predict for you.) Record your predictions on the following chart by making 10 tally marks.



Predictions	
	Number of Rolls
Sum of 2	
Sum of 3	
Sum of 4	
Sum of 5	
Sum of 6	
Sum of 7	
Sum of 8	
Sum of 9	
Sum of 10	
Sum of 11	
Sum of 12	

Use the chart on page 12 to record the actual sums rolled in 10 tries.