

Patterns



Family Note Patterns are so important in mathematics that mathematics is sometimes called the “Science of Patterns.” Help your child identify patterns in your home and community.

Some suggested places:

- ◆ floor tiles
- ◆ carpeting
- ◆ window panes
- ◆ curtains
- ◆ wallpaper
- ◆ fences

Please return this Home Link to school tomorrow.

1. Find at least two patterns in your home. Draw the patterns you find on the back of this paper.

2. If you have articles of clothing (such as a shirt or a pair of socks) that have patterns, please wear them to school tomorrow!



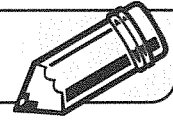
Practice

3. Count back by 10s.

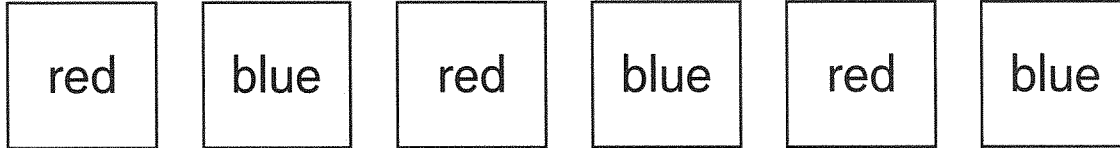
70, 60, _____, _____, _____, _____, _____

4. Count back by 5s.

35, 30, _____, _____, _____, _____, _____

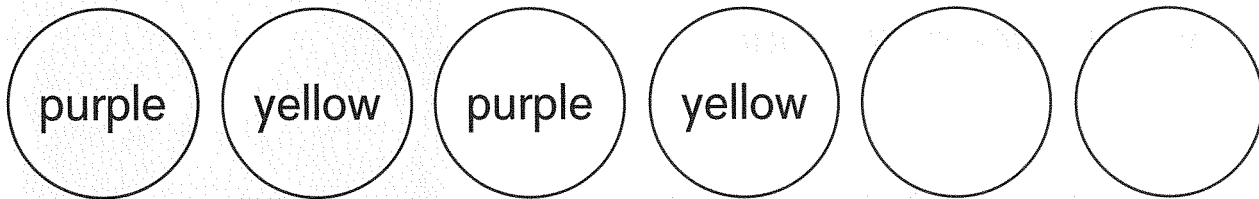
LESSON
3•1**Color Patterns**

1. Color the squares red or blue.



2. Color the circles purple or yellow.

Figure out the colors of the blank circles. Color them.

**Try This**

3. Color the rectangles. Use two colors you like.
Make them repeat like the colors in Problems 1 and 2.



HOME LINK
3•2

Odd and Even Numbers



Family Note As children learn about odd and even numbers, find the number of people or the number of various objects at home. Have your child tell whether these numbers are even or odd.

Please return this Home Link to school tomorrow.

1. Count the number of people in your home.

There are _____ people in my home.

Is this number **even** or **odd**? _____

2. Tell someone at home about odd and even numbers.

Write some **odd** numbers: _____, _____, _____, _____.

Write some **even** numbers: _____, _____, _____, _____.

3. Count the number of a type of object in your home.

Write the number and the type of object.

There are _____ _____ in my home.

Is this number **even** or **odd**? _____

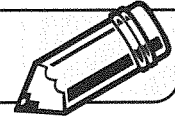
Practice

Count up by 5s.

4. 5, 10, _____, _____, _____, _____, _____

5. 45, 50, _____, _____, _____, _____, _____

6. 85, 90, _____, _____, _____, _____, _____

LESSON
3•2**Patterns on the Number Grid**

1. Color the even numbers yellow.
Color the odd numbers orange.

									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

2. Start at 0 and count up by 2s.

Circle these numbers on the grid.

Are these numbers even, odd, or both? _____

3. Start at 0 and count up by 5s.

Put a triangle around these numbers on the grid.

Are these numbers even, odd, or both? _____

4. Start at 0 and count up by 10s.

Put an X on these numbers on the grid.

Are these numbers even, odd, or both? _____