Think about the letters.
Look for a pattern.

Two letters, A and B, keep repeating.
What is the next letter in the pattern?

Fill in the blanks to continue the pattern.

1. 1, 1, 2, 2, 1, 1, 2, 2, __, __, __, __


3. 15, 30, 15, 30, __, __, __, __

4. 9, 8, 7, 9, 8, 7, __, __, __, __, __, __

5. 70, 60, 50, 40, __, __, __

6. 2, 4, 6, 2, 4, 6, __, __, __

7. L, M, N, L, M, N, L, __, __

8. 5, 10, 15, 5, 10, 15, __, __, __
Find and continue the pattern.

3.

\[
\begin{array}{cccccc}
2 & 5 & 6 & 2 & 5 & 6
\end{array}
\]

\[
\begin{array}{cccccc}
2 & 5
\end{array}
\]

4.

\[
\begin{array}{cccccc}
6 & 6 & 8 & 6 & 6 & 8
\end{array}
\]

\[
\begin{array}{cccccccc}
6 & 6 & 8 & 6 & 6 & 8
\end{array}
\]

5.

\[
\begin{array}{cccccccc}
M & N & O & M & N & O
\end{array}
\]

\[
\begin{array}{cccccccc}
M & N & O
\end{array}
\]

6.

\[
\begin{array}{cccccccc}
4 & 7 & 7 & 4 & 7 & 7
\end{array}
\]

\[
\begin{array}{cccccccc}
4 & 7 & 7
\end{array}
\]

7.

\[
\begin{array}{cccccccc}
3 & 5 & 7 & 9 & 3 & 5 & 7 & 9
\end{array}
\]

\[
\begin{array}{cccccccc}
3 & 5 & 7 & 9
\end{array}
\]

8.

\[
\begin{array}{cccccccc}
W & X & Y & Z & W & X & Y & Z
\end{array}
\]

\[
\begin{array}{cccccccc}
W & X & Y & Z
\end{array}
\]

Notes for Home  Children solve number and letter problems by finding patterns.
Jelly Bean Patterning

red  yellow  blue  red

green  purple  purple  yellow  green  purple

brown  blue  brown  blue  brown

black  blue  green  red  black  blue

orange  green  purple  orange
Finding Patterns

Directions: Finish each row with the right shape.

1. Circle, half circle, quarter circle, circle, half circle, blank circle

2. Triangle, half triangle, triangle, triangle, triangle, triangle

3. Square, square with one black, square with two black, square with three black, square with four black, square

4. Arrow up, arrow half up, arrow down, arrow half down, arrow up, arrow down
Look at the shapes. Which comes next?
Continue each pattern.

\[
\begin{array}{c}
\square \quad \Delta \quad \square \quad \Delta \\
\bigcirc \quad \square \quad \square \quad \bigcirc \\
\Delta \quad \Delta \quad \bigcirc \quad \bigcirc
\end{array}
\]

How many?
rectangles ___ triangles ___ squares ___

Use the color code to color the design below.

\[
\begin{array}{c}
\triangle \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square
\end{array}
\]

\[
\begin{array}{c}
\text{blue} \quad \text{red} \quad \text{purple} \quad \text{yellow}
\end{array}
\]
Draw the shape to continue the pattern.

1. 

2. 

3. 

4. 

5. 

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Complete each row.

1. 1 2 3 1 2 3 1 2 3

2. 1 3 5 1 3 5 1

3. 2 4 6 2 4 6 2

4. 1 3 5 7 1 3 5 7 1 3

5. 5 6 7 8 5 6 7 8 5 6

Use with pages 31–32.
READING READINESS

Look at the pattern in each row.
Draw a line to the picture that continues each pattern.
Then color the picture.

Skills: Observing and continuing patterns; Visual memory
Look at the pattern in each row. Draw a line to the picture that continues each pattern. Then color the picture.

Skills: Observing and continuing patterns; Visual memory
READING READINESS

Look at the pattern in each row.
Draw a line to the picture that continues each pattern.

Skills: Observing and continuing patterns; Visual memory
-looking for a Pattern

Ring the shape to continue the pattern.

1. Circle Square Circle Square Circle Square Circle

2. Diamond Circle Diamond Circle Diamond Circle Diamond

3. Square Circle Diamond Square Circle Diamond Square Circle

4. Circle Square Triangle Circle Square Triangle Circle Square

Use with page 24.
ENRICH Patterns

What number comes next?
Draw a line from the group of numbers to
the next number.

1. 6789  6789  678

2. 1357  1357  1

3. 12456  12456  124

4. 6218  621

5. 9528  9528  95

6. 9876  9876  98

7. 191814  191814  19181

8. 68241  68241  6824

Use with pages 99–100.
Find the pattern.
Mark beside the shape that comes next.

A

B

C

D

E

Patterns of shapes
Ring what comes next.

1. 

2. 

3. 

4. 

Draw what comes next.

5. 

6. 

7. 

8. 

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Problem Solving: Patterns

Finish each pattern.

1. △〇△〇

2. □△▼□

3. □□□□

4. 〇△□〇△□

Use some of these shapes. Make
your own patterns. △〇□▼

5. _______________________

6. _______________________

7. _______________________
Maintenance

Copy and continue the pattern.

○ △ ○ △
○ ○ ○ ○ ○ ○ ○ ○
□ △ △ △ △ △ △ △ △ △
0 2 0 2
△ △ △ △ △ △ △ △ △ △
□ ○ □ ○ □ ○ □ ○ □ ○ □
Continue each pattern.

1.

2.

3.

4.

5.

6.
Look at the pattern in each row.
Draw the pictures that continue each pattern.
Then color the pictures.

Skills: Observing and continuing patterns
READING READINESS

Look at the pattern in each row.
Draw the picture that continues each pattern.
Then color the pictures.

Skills: Observing and continuing patterns
### Number Patterns

Look for patterns.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A.</strong></td>
<td>1, 1, 2, 2, 3, 3,</td>
<td>10, 12, 14</td>
<td></td>
</tr>
<tr>
<td><strong>B.</strong></td>
<td>10, 20, 30, 40,</td>
<td>1, 2, 3</td>
<td></td>
</tr>
<tr>
<td><strong>C.</strong></td>
<td>2, 4, 6, 8,</td>
<td>9, 11, 13</td>
<td></td>
</tr>
<tr>
<td><strong>D.</strong></td>
<td>10, 9, 8, 7,</td>
<td>25, 30, 35</td>
<td></td>
</tr>
<tr>
<td><strong>E.</strong></td>
<td>1, 2, 3, 1, 2, 3,</td>
<td>15, 18, 21</td>
<td></td>
</tr>
<tr>
<td><strong>F.</strong></td>
<td>5, 10, 15, 20,</td>
<td>4, 4, 5, 5</td>
<td></td>
</tr>
<tr>
<td><strong>G.</strong></td>
<td>1, 3, 5, 7,</td>
<td>50, 60, 70</td>
<td></td>
</tr>
<tr>
<td><strong>H.</strong></td>
<td>3, 6, 9, 12,</td>
<td>6, 5, 4</td>
<td></td>
</tr>
</tbody>
</table>
Finding Patterns

Look for patterns.

1. □ □ □ □ □
2. □ □ □ □ □
3. □ □ □ □ □
4. □ □ □ □ □
5. □ □ □ □ □
6. □ □ □ □ □
7. □ □ □ □ □
8. □ □ □ □ □
Think about the letters.
Look for a pattern.

Two letters, A and B, keep repeating.
What is the next letter in the pattern?

Fill in the blanks to continue the pattern.

1. 1, 1, 2, 2, 1, 1, 2, 2, ___, ___, 2, 2

2. A, B, C, A, B, C, ___, ___, ___, ___, ___, ___, ___

3. 15, 30, 15, 30, ___, ___, ___, ___

4. 9, 8, 7, 9, 8, 7, ___, ___, ___, ___, ___, ___

5. 70, 60, 50, 40, ___, ___, ___

6. 2, 4, 6, 2, 4, 6, ___, ___, ___

7. L, M, N, L, M, N, L, ___, ___

8. 5, 10, 15, 5, 10, 15, ___, ___, ___
Find each pattern.
Fill in the numbers.

1. 

2. 

3. 

4. 

5. 

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Continue the number pattern.

1. 11, 12, 13, __, __, __, __, __

2. 15, 20, 25, __, __, __, __, __

3. 42, 44, 46, __, __, __, __, __

4. 50, 55, 60, __, __, __, __, __

5. 43, 45, 47, __, __, __, __, __

6. 1, 4, 5, 1, 4, 5, 1, __, __, __, __, __

7. 8, 7, 7, 8, 7, 7, 8, __, __, __, __, __
Copy and continue the pattern.

○ □ ○ □

○ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __

▲ ▽ △ ▽

E T C E T C

9 1 7 9 1 7

T H T H
Alphabet Fun

What is the pattern?
Write the letters that come next.

A B B A B B A B B

A A B A A B A A B A

A A B B A A B B A A B

A A A B B B A A A

B A B A A B A A A B A

Notes for Home  Children solve problems by finding and continuing patterns.
Draw the one that comes next.

1. \[ \bigcirc \bigcirc \square \bigcirc \square \bigcirc \square \]

2. \[ \square \triangle \square \triangle \]

3. \[ \triangle \square \bigcirc \triangle \square \bigcirc \]

4. \[ \star \star \star \square \square \square \]

Continue the pattern.

5. \[ \text{A B C A B C} \quad \text{_____} \text{_____} \text{_____} \]

6. \[ \text{6 6 2 6 6 2} \quad \text{_____} \text{_____} \text{_____} \]

7. \[ \text{G H G I G H G I} \quad \text{_____} \text{_____} \]

8. \[ \text{7 8 9 10 7 8 9 10} \quad \text{_____} \text{_____} \]