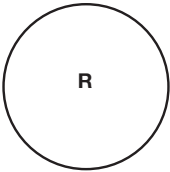
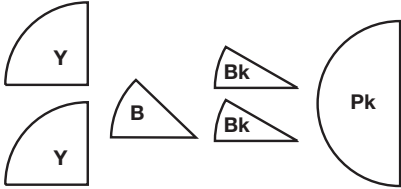
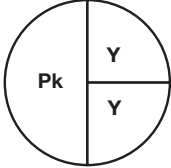
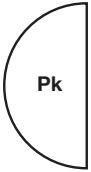
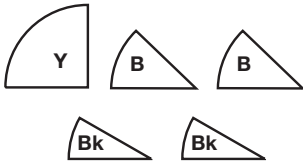




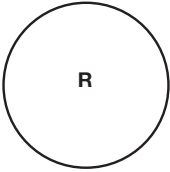
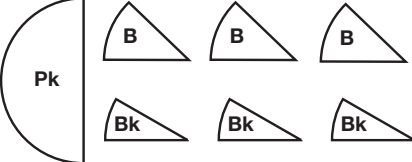
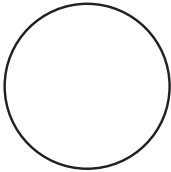

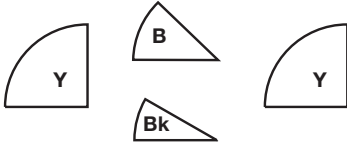

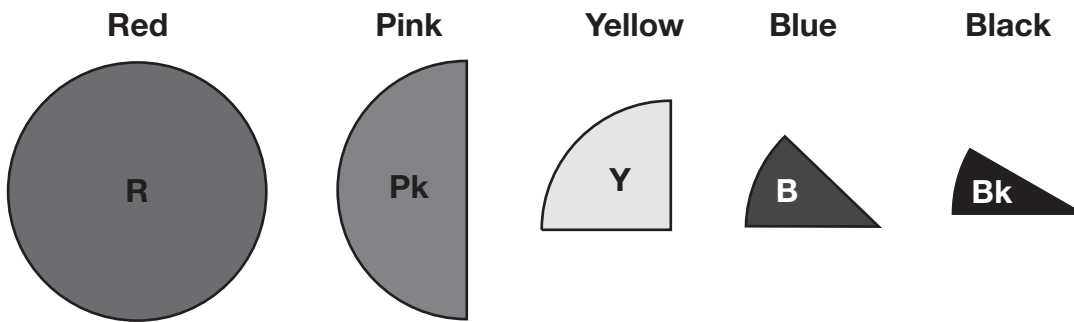


# Pieces Puzzles

- Guess which pieces from the second column will cover the piece in the first column. Write down your guess before you use the pieces.
- Solve the puzzle. Draw your solution in the last column.

| Circle Piece to Cover   | Possible Pieces   | Guess                   | Solution  |
|---|---|-------------------------|---|
| <b>Example</b><br> |    | 2 yellows<br>and 1 pink |    |
| <b>1.</b><br>     |   |                         |   |
| <b>2.</b><br>    |  |                         |  |
| <b>3.</b><br>    |  |                         |  |
| <b>4.</b><br>    |  |                         |  |

Use the red, pink, yellow, blue, and black pieces to answer the questions.



5. **A.** A yellow piece covers what fraction of a pink piece? \_\_\_\_\_
- B.** A blue piece covers what fraction of a red piece? \_\_\_\_\_
- C.** A black piece covers what fraction of a yellow piece? \_\_\_\_\_
6. **A.** Three blues cover what part of a pink piece? \_\_\_\_\_
- B.** When you write the fraction for Question 6A, how do you know what denominator to use? What numerator?
- C.** Three blues cover what part of a red circle? \_\_\_\_\_
- D.** When you write the fraction for Question 6C, how do you know what denominator to use? What numerator?
7. **A.** A blue piece is  $\frac{1}{2}$  of what circle piece? \_\_\_\_\_
- B.** A blue piece is  $\frac{1}{4}$  of what circle piece? \_\_\_\_\_
- C.** A blue piece is  $\frac{1}{8}$  of what circle piece? \_\_\_\_\_
8. If the red circle is the unit whole, write a number for each of the following:
- A.** 5 blue pieces \_\_\_\_\_      **B.** 6 blue pieces \_\_\_\_\_
- C.** 3 yellow pieces \_\_\_\_\_      **D.** 3 black pieces \_\_\_\_\_
- E.** 4 yellow pieces \_\_\_\_\_      **F.** 12 black pieces \_\_\_\_\_