

## ANSWERS AND EXPLANATIONS

1. The correct answer is picture #2. Look at the ends marked A. If the ends marked A were put together, how would they look? Of the five pictures, only pictures 1, 2 and 3 have the ends marked A touching. Now look at the places marked with a B. Which of the pictures 1, 2 and 3 show that the two places marked B are put together? Of the three pictures, only picture 2 has the places marked B touching. Therefore, picture 2 is the correct answer. This is the only picture of the five that has all the parts put together in the way they should be. Therefore, you need to fill circle 2 on your answer sheet.
2. The correct answer is picture #4. Look at the places marked A. If the places marked A were put together, how would they look? Of the five pictures, only pictures 3 and 4 have the places marked A touching. Now look at the places marked with a B. Which of the pictures 3 and 4 show that the two places marked B are put together? Of the two pictures 3 and 4, only picture 4 has the places marked B touching. Therefore, picture 4 is the correct answer. This is the only picture of the five that has all the parts put together in the way they should be. Therefore, you need to fill circle 4 on your answer sheet.
3. The correct answer is picture #4. Look at the places marked A. If the places marked A were put together, how would they look? Of the five pictures, only pictures 1, 2, 3 and 4 have the places marked A touching. Now look at the places marked with a B. Which of the pictures 1, 2, 3 and 4 show that the two places marked B are put together? Of the four pictures 1, 2, 3 and 4, only picture 2 does not have the places marked B touching. Now look at the places marked with a C. Which of the remaining pictures 1, 3 and 4 show that the two places marked C are put together? Of the three pictures 1, 3 and 4, only picture 4 has the places marked C touching. Therefore, picture 4 is the correct answer. This is the only picture of the five that has all the parts put together in the way they should be. Therefore, you need to fill circle 4 on your answer sheet.
4. The correct answer is picture #4. Look at the places marked A. If the places marked A were put together, how would they look? Of the five pictures, only pictures 1 and 4 have the places marked A touching. Now look at the places marked with a B. Which of the pictures 1 and 4 show that the two places marked B are put together? Of the two pictures 1 and 4, only picture 4 has the places marked B touching. Therefore, picture 4 is the correct answer. This is the only picture of the five that has all the parts put together in the way they should be. Therefore, you need to fill circle 4 on your answer sheet.
5. The correct answer is picture #5. Look at the places marked A. If the places marked A were put together, how would they look? Of the five pictures, only pictures 3 and 5 have the places marked A touching. Now look at the places marked with a B. Which of the pictures 3 and 5 show that the two places marked B are put together? Of the two pictures 3 and 5, only picture 5 has the places marked B touching. This assembly problem is tricky because the circular part marked B on its inner circle is viewed directly from its side in picture 5. Therefore, picture 5 is the correct answer. This is the only picture of the five that has all the parts put together in the way they should be. Therefore, you need to fill circle 5 on your answer sheet.
6. The correct answer is picture #4. Look at the places marked A. If the places marked A were put together, how would they look? Of the five pictures, only pictures 3 and 4 have the places marked A touching. Now look at the places marked with a B. Which of the pictures 3 and 4 show that the two places marked B are put together? Of the two pictures 3 and 4, both pictures have the places marked B touching. Now look at the places marked with a C. Which of the pictures 3 and 4 show that the two places marked with a C are put together? Of the two pictures 3 and 4, only picture 4 has the two places marked with a C touching. Therefore, picture 4 is the correct answer. This is the only picture of the five that has all the parts put together in the way they should be. Therefore, you need to fill circle 4 on your answer sheet.

7. The correct answer is picture #1. Look at the places marked A. If the places marked A were put together, how would they look? Of the five pictures, only pictures 1, 2, and 3 have the places marked A touching. Now look at the places marked with a B. Which of the pictures 1, 2 and 3 show that the two places marked B are put together? Of the three pictures 1, 2 and 3, pictures 1 and 2 both have the places marked B touching. Now look at the places marked with a C. Of the two pictures 1 and 2, only picture 1 has the parts marked C touching. Therefore, picture 1 is the correct answer. This is the only picture of the five that has all the parts put together in the way they should be. Therefore, you need to fill circle 1 on your answer sheet.
  
8. The correct answer is picture #1. Look at the places marked A. If the places marked A were put together, how would they look? Of the five pictures, only pictures 1 and 3 have the places marked A touching. Now look at the places marked with a B. Which of the pictures 1 and 3 show that the two places marked B are put together? Of the two pictures 1 and 3, only picture 1 has the places marked B touching. Therefore, picture 1 is the correct answer. This is the only picture of the five that has all the parts put together in the way they should be. Therefore, you need to fill circle 1 on your answer sheet.
  
9. The correct answer is picture #2. Look at the places marked A. If the places marked A were put together, how would they look? Of the five pictures, only pictures 2 and 3 have the places marked A touching. Now look at the places marked with a B. Which of the pictures 2 and 3 show that the two places marked B are put together? Of the two pictures 2 and 3, only picture 2 has the places marked B touching. Therefore, picture 2 is the correct answer. This is the only picture of the five that has all the parts put together in the way they should be. Therefore, you need to fill circle 2 on your answer sheet.