Fractions Prize Ladder

Choose one answer per question. Circle A, B, C, or D.

1. Five of eight equal panels have been painted blue. What fraction shows the blue part?
   A. 5/8
   B. 3/8
   C. 5/3
   D. 8/5

2. Which fraction equals 4/10 in lowest terms?
   A. 4/5
   B. 1/5
   C. 2/5
   D. 2/3

3. Which amount is less than one half?
   A. 4/7
   B. 4/9
   C. 5/9
   D. 6/11

4. What mixed number represents 17/5?
   A. 4 2/5
   B. 2 3/5
   C. 3 1/5
   D. 3 2/5

5. What is 2/7 + 3/7?
   A. 5/14
   B. 5/7
   C. 6/7
   D. 6/14

6. What is 1/6 + 3/8 in simplest form?
   A. 13/24
   B. 1/2
   C. 5/12
   D. 11/24

7. A spool holds 7/8 meter of ribbon. You use 1/3 meter. How much stays on the spool?
   A. 2/3 meter
   B. 3/8 meter
   C. 5/24 meter
   D. 13/24 meter

8. A board has 36 spaces. Mark 5/12 of them. How many spaces should you mark?
   A. 18
   B. 12
   C. 15
   D. 21

9. A snack station puts 2/3 cup in each container. How many full containers can it fill with 4 cups?
   A. 6
   B. 2
   C. 4
   D. 8

10. Two strips measure 2 1/4 meters and 1 5/6 meters. What is their combined length?
   A. 4 5/12 meters
   B. 3 7/12 meters
   C. 4 1/6 meters
   D. 4 1/12 meters

11. On two equal bars, 5/8 of the first is shaded and 7/12 of the second is shaded. What fraction of one bar is the difference?
   A. 1/8
   B. 1/12
   C. 1/24
   D. 1/6

12. A box contained 48 beads. On day one, a club used 1/4 of the original box. On day two, it used 1/3 of what remained. How many beads are left?
   A. 20
   B. 24
   C. 28
   D. 32

13. A host uses 1/4 of a roll of paper, then uses half of the remainder. What fraction of the original roll is left?

A. 5/8
B. 1/4
C. 1/2
D. 3/8

14. A jug holds 2 3/4 cups. Each glass needs 2/5 cup. After filling as many whole glasses as possible, what amount remains?

A. 7/20 cup
B. 1/20 cup
C. 1/4 cup
D. 2/5 cup

15. A team has answered 5/9 of the questions. After it answers 6 more, it has answered 7/9. How many questions are in the complete set?

A. 30
B. 18
C. 27
D. 36