

## Equivalent Fractions Assessment Answer Key

1. D

2. A

3. D

4. A

5. D

6. B

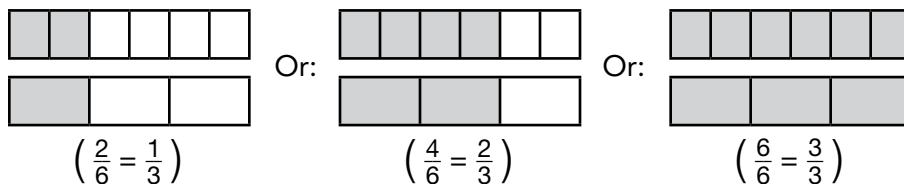
7. A

8. C

9. Sample explanation: Two friends each get  $\frac{1}{2}$  of the first sandwich, and the other two friends each get two pieces, or  $\frac{2}{4}$ , of the second sandwich. They all get the same amount because  $\frac{2}{4}$  is equal to  $\frac{1}{2}$ . (Student might shade or circle each of the four equal shares.)

10. No; student should plot  $\frac{2}{3}$  (which can be shown as  $\frac{4}{6}$ ) and  $\frac{5}{6}$  on the number lines. Sample explanation: Since  $\frac{2}{3}$  is equal to  $\frac{4}{6}$ , which is not equal to  $\frac{5}{6}$ , the fractions are not equivalent.

11. There are three possible ways to correctly shade the bars:



Sample explanation: In each case, the shaded areas are equal.

12. No, he is not correct; Sample explanation: The fraction of the pizza that is pepperoni is  $\frac{1}{6}$ , so it cannot be equal to  $\frac{1}{3}$ . If 2 slices had pepperoni on them, then  $\frac{2}{6}$  of the pizza would be pepperoni, which would be equal to  $\frac{1}{3}$ .

13. The fractions  $\frac{6}{8}$  and  $\frac{3}{4}$  are equal; Sample explanation: Student might suggest that Kate takes 8 steps to get from Mrs. Ray's desk to the door and 6 steps to get to the fish tank and that Jesse takes 4 steps to get from Mrs. Ray's desk to the door and 3 steps to get to the fish tank. Sample drawing:

