

## Equivalent Fractions and Decimals Assessment Answer Key

1. D

2. B

3. C

4. A

5. D

6. C

7. C

8. D

9. A

10.  $\frac{2}{3}$ ; Sample model:



11. Yes; Sample explanations: 34 divided by 8 is 4 with a remainder

of 2, so  $\frac{34}{8}$  can be written  $4\frac{2}{8}$ , or  $4\frac{1}{4}$ . Also,  $\frac{34}{8}$  can be written

$$\frac{34}{8} = \frac{8}{8} + \frac{8}{8} + \frac{8}{8} + \frac{8}{8} + \frac{2}{8} = 4 + \frac{2}{8} = 4\frac{2}{8}, \text{ or } 4\frac{1}{4}.$$

12. Answers can vary; Sample answers:

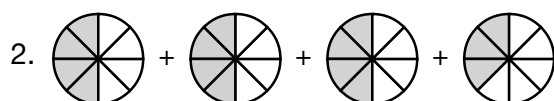
Write:

$$1. 1\frac{7}{8} = \frac{8}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$

$$2. 1\frac{7}{8} = 1 + \frac{2}{8} + \frac{2}{8} + \frac{2}{8} + \frac{1}{8}$$

$$3. 1\frac{7}{8} = 1 + \frac{5}{8} + \frac{2}{8}$$

Draw:



13. Sample explanation: 0.83 means 83 hundredths, or  $\frac{83}{100}$ ;  
Sample drawing:

