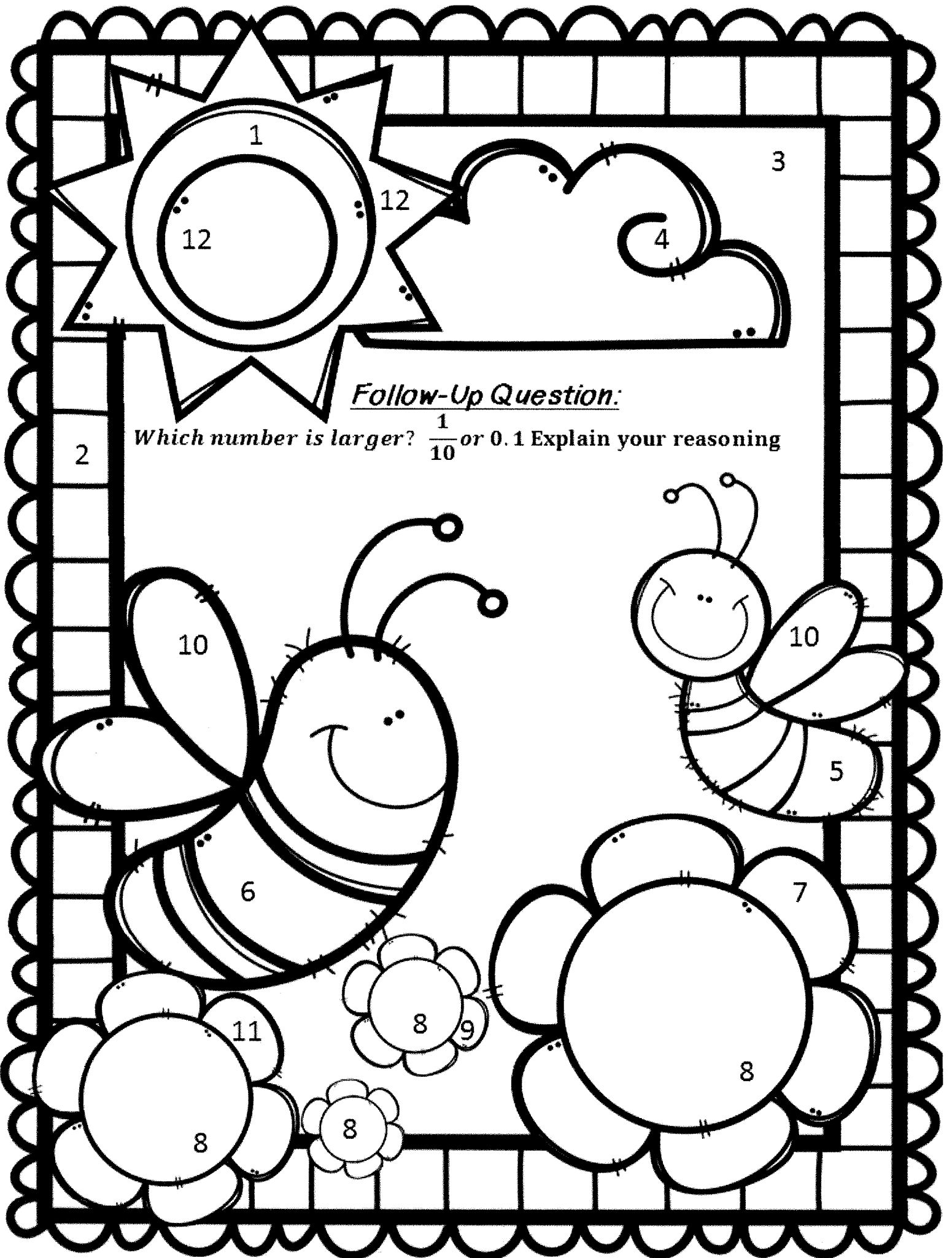


Name: _____ Date: _____ Period: _____

Rational Numbers: Ordering from Least to Greatest

Using your knowledge of Rational Numbers place them in order from least to greatest. Find the solution and then color the corresponding number in that shade on the back. Complete the follow-up question by showing your work. Turn in promptly for full credit.

#	Question	Circle the correct solution		
1	$0.1, \frac{1}{3}, 0.11, \frac{1}{5}$	$0.1, 0.11, \frac{1}{5}, \frac{1}{3}$ Orange	$\frac{1}{3}, 0.1, 0.11, \frac{1}{5}$ Yellow	$0.1, 0.11, \frac{1}{3}, \frac{1}{5}$ Red
2	$0.01, 0.11, \frac{1}{2}, \frac{1}{10}$	$0.11, 0.01, \frac{1}{2}, \frac{1}{10}$ Blue and Green	$0.01, \frac{1}{10}, 0.11, \frac{1}{2}$ Red and White	$0.01, 0.11, \frac{1}{2}, \frac{1}{10}$ Green and Red
3	$\frac{2}{7}, \frac{2}{5}, 0.22, \frac{2}{3}, \frac{1}{2}$	$\frac{1}{2}, \frac{2}{5}, 0.22, \frac{2}{3}, \frac{2}{7}$ White	$0.22, \frac{2}{7}, \frac{2}{5}, \frac{1}{2}, \frac{2}{3}$ Blue	$\frac{2}{7}, \frac{2}{5}, 0.22, \frac{2}{3}, \frac{1}{2}$ Grey
4	$1\frac{1}{2}, 1.01, 1\frac{3}{4}, 1.56$	$1.01, 1\frac{1}{2}, 1.56, 1\frac{3}{4}$ Grey	$1\frac{1}{2}, 1.01, 1.56, 1\frac{3}{4}$ White	$1.01, 1\frac{1}{2}, 1\frac{3}{4}, 1.56$ Blue
5	$0.34, 0.3, \frac{1}{3}, 0.33$	$0.33, \frac{1}{3}, 0.34, 0.3$ Pink	$0.3, 0.33, 0.34, \frac{1}{3}$ Blue	$0.3, 0.33, \frac{1}{3}, 0.34$ Green
6	$\frac{1}{6}, 0.6, \frac{2}{3}, 0.613$	$\frac{2}{3}, \frac{1}{6}, 0.6, 0.613$ Yellow	$\frac{1}{6}, 0.6, 0.613, \frac{2}{3}$ Multi-Color	$\frac{1}{6}, \frac{2}{3}, 0.6, 0.613$ Orange
7	$-3, -3.5, -2.5, -2$	$-2, -2.5, -3, -3.5$ Orange	$-3.5, -3, -2.5, -2$ Purple	$-3, -2.5, -3.5, -2$ Red
8	$0.1, -0.2, \frac{1}{3}, \frac{1}{4}$	$0.1, -0.2, \frac{1}{4}, \frac{1}{3}$ Pink	$0.1, \frac{1}{4}, -0.2, \frac{1}{3}$ Orange	$-\frac{1}{3}, -0.2, 0.1, \frac{1}{4}$ Yellow
9	$\frac{3}{4}, 0.6, 0.73, \frac{7}{8}$	$\frac{7}{8}, \frac{3}{4}, 0.6, 0.73$ Blue	$0.6, 0.73, \frac{3}{4}, \frac{7}{8}$ Pink	$0.6, \frac{7}{8}, 0.73, \frac{3}{4}$ Red
10	$\frac{1}{2}, 0.4, 0.49, 0.51$	$0.4, 0.49, \frac{1}{2}, 0.51$ White	$0.4, 0.49, 0.51, \frac{1}{2}$ Yellow	$\frac{1}{2}, 0.49, 0.4, 0.51$ Orange
11	$\frac{5}{6}, \frac{7}{8}, \frac{9}{11}, \frac{3}{4}$	$\frac{9}{11}, \frac{5}{6}, \frac{3}{4}, \frac{7}{8}$ Pink	$\frac{9}{11}, \frac{3}{4}, \frac{5}{6}, \frac{7}{8}$ Purple	$\frac{3}{4}, \frac{5}{6}, \frac{9}{11}, \frac{7}{8}$ Blue
12	$\frac{1}{4}, \frac{4}{5}, 0.23, \frac{1}{8}$	$0.23, \frac{1}{4}, \frac{1}{8}, \frac{4}{5}$ Orange	$\frac{1}{8}, 0.23, \frac{1}{4}, \frac{4}{5}$ Yellow	$\frac{4}{5}, 0.23, \frac{1}{8}, \frac{1}{4}$ Red



Follow-Up Question:

Which number is larger? $\frac{1}{10}$ or 0.1 Explain your reasoning

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