Investigating Fraction Relationships NAME _____

Use your relationship rods to answer the questions below.

1. If **white = 1**, what value would you assign to the other rods? Complete the table.

Integer Bars	Size or Value	Color
☐	1	White
▬		Red
▬		Light Green
▬		Purple
▬		Yellow
▬		Dark Green
▬		Black
▬		Brown
▬		Blue
▬		Orange

2. If **red = 1**, what value would you assign to the other rods?

white =   dark green =

red = 1   black =

light green =   brown =

purple =   blue =

yellow =   orange =

3. If **light green = 1**, what value would you assign to the other rods?

white =   dark green =

red =   black =

light green = 1   brown =

purple =   blue =

yellow =   orange =

4. If **purple = 1**, what value would you assign to the other rods?

white =   dark green =

red =   black =

light green =   brown =

purple = 1   blue =

yellow =   orange =

5. If **yellow = 1**, what value would you assign to the other rods?

white =   dark green =

red =   black =

light green =   brown =

purple =   blue =

yellow = 1   orange =

6. If **dark green = 1**, what value would you assign to the other rods?

white =   **dark green = 1**

red =   black =

light green =   brown =

purple =   blue =

yellow =   orange =

7. If **black = 1**, what value would you assign to the other rods?

white =   dark green =

red =   **black = 1**

light green =   brown =

purple =   blue =

yellow =   orange =

8. If **brown = 1**, what value would you assign to the other rods?

white =	dark green =
red =	black =
light green =	**brown = 1**
purple =	blue =
yellow =	orange =

9. If **blue = 1**, what value would you assign to the other rods?

white =	dark green =
red =	black =
light green =	brown =
purple =	**blue = 1**
yellow =	orange =

10. If **orange = 1**, what value would you assign to the other rods?

white =	dark green =
red =	black =
light green =	brown =
purple =	blue =
yellow =	**orange = 1**