Fractions, multiplication and "of"   name:_____

1. Draw 4 groups of 2.

2. Fill in the blanks *and draw*:

3 × 5 means _____ groups of _____

3. What color is 1-half of a brown piece?

4. What color is 1-third of an orange piece?

5. What color is a purple piece 1-half of?

6. The black circle is the unit. What fraction name can you give these pieces?

1 yellow _____1-half_____ 1 brown _____

1 blue _____   1 gray _____

1 pink _____   1 green _____

7. Change the unit to 1 blue. What fraction name can you give these pieces?

1 gray _____   1 red _____

8. Change the unit to 1 orange. What fraction name can you give these pieces?

1 purple _____1 green _____

9. If 1-fifth is 1 purple, what color piece is the unit whole?

10. If the yellow piece is the unit, what value does the black circle have?

11. If the blue piece is the unit, what value does the yellow piece have? The black one?

12. Find 3 ways of showing 1-fifth with fraction circles. Tell what color shows the whole and what color shows 1-fifth.
a.

b.

c.