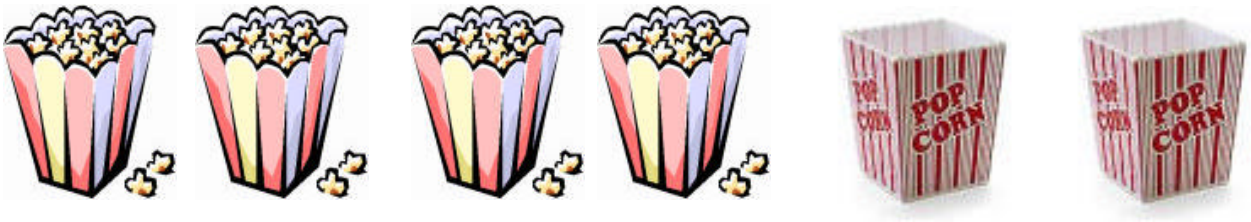
MATH

TITLE: Fractional Popcorn
SUBJECT: Math
GRADE LEVEL: 3-4

OBJECTIVE(S): Two exercises ask students to compute fractions using images of popcorn. To reduce fractions to simplest form.

OVERVIEW:
Exercise #1:

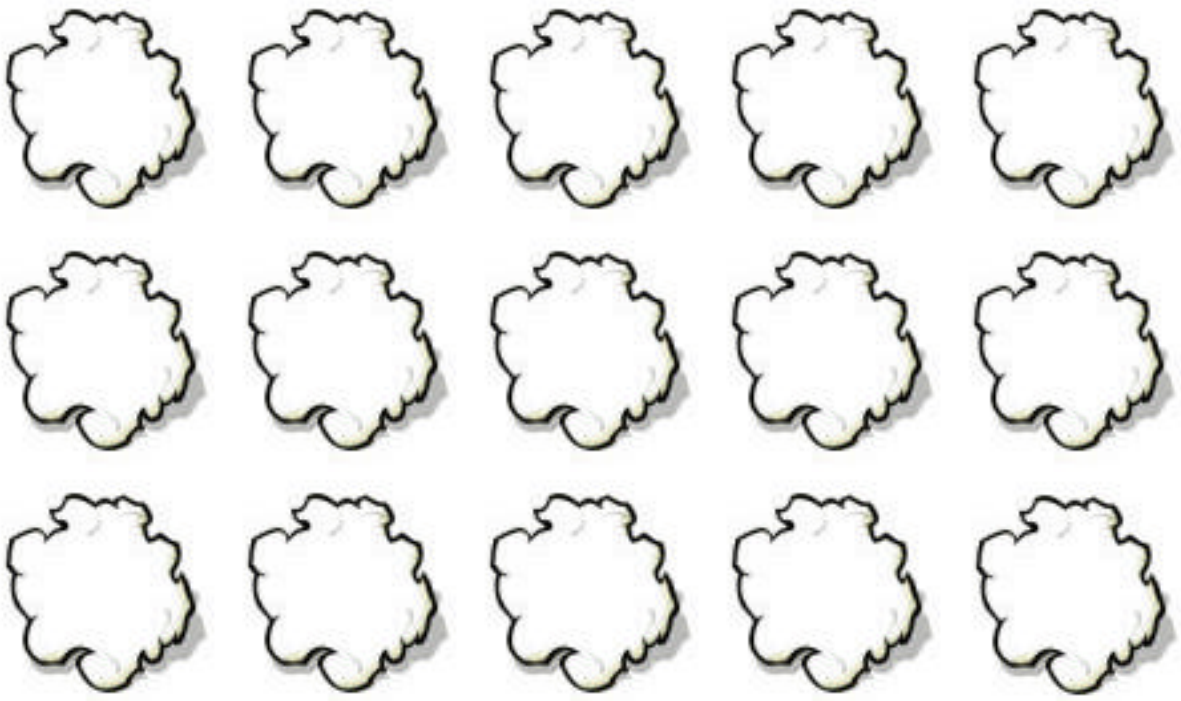


There are six bags of Popcorn. Four bags are full and 2 are empty.

Number of full bags / Total number of bags = ___ What is the fraction?

Number of empty bags / Total number of bags = ___ What is the fraction?

Exercise #2:



Color 10 pieces of popcorn yellow
Color 5 pieces of popcorn brown
What fractional part of the popcorn is yellow?
What fractional part of the popcorn is brown?
If you colored only 8 pieces of popcorn brown, what is its fractional part?
If you colored 5 pieces green, 5 pieces orange, and the other 5 purple, then what is the fractional part and percentage of each?