

2016 Mathematics Standards of Learning
Algebra Readiness Formative Assessment

5.6b

1. Matthew runs $\frac{3}{4}$ mile during warm up before soccer practice. If he runs for 8 days, how many miles will he run during warm up?
2. William scored 4 goals, this soccer season. Which of the following could represent the fraction of games that he scored goals in?

$\frac{1}{3}$ of 12 games	$\frac{4}{5}$ of 10 games
$\frac{1}{2}$ of 8 games	$\frac{2}{3}$ of 6 games

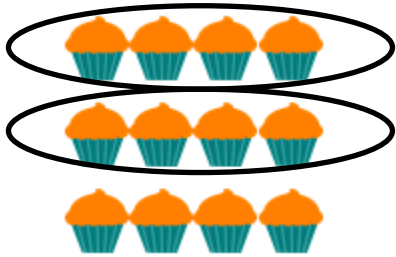
3. Wayne had 8 donuts.



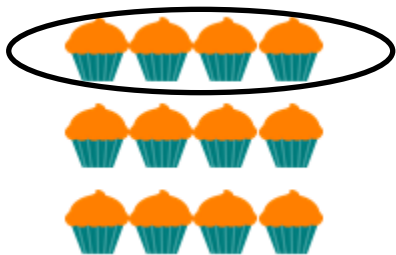
He ate $\frac{1}{4}$ of the donuts for breakfast for dessert. How many donuts did he eat?

4. Dana baked 12 cupcakes and sprinkled icing on $\frac{2}{3}$ of them. Which model correctly shows the number of cupcakes with icing?

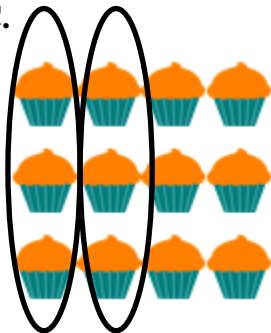
A.



B.



C.



D.

