

**2016 Mathematics Standards of Learning  
Algebra Readiness Formative Assessment**

7.2

1. Five bags of apples were sold to a family of four. Each bag held six apples. If each family member ate three apples, what fraction of the original apples is left?

2. Caleb bought a pizza. He quickly ate  $\frac{1}{4}$  of it. He gave  $\frac{1}{2}$  of what was left to Karen.

Select all of the following that show how much Karen received.

$\frac{1}{8}$	0.75	37.5%
0.125	0.375	$\frac{1}{4}$
$\frac{3}{8}$	3.75%	12.5%

3. Kerry charges \$25.50 per lawn to cut grass on Saturdays and \$28.50 per lawn to cut grass on Sundays. If she cuts 4 lawns on Saturday and 5 lawns on Sunday, how much money will she earn?

- A. \$102
- B. \$171
- C. \$241.50
- D. \$244.50

4. Mrs. Whitaker had a bag of 28 marbles. If  $\frac{1}{4}$  of the marbles were red and  $\frac{3}{7}$  were

yellow, how many marbles were neither red nor yellow?

- A. 7
- B. 9
- C. 12
- D. 19