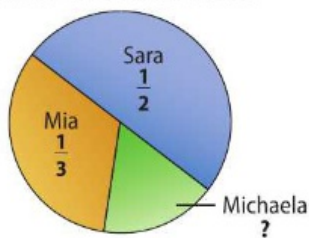## Standardized Test Practice

53. A recipe for snack mix contains $2\frac{1}{3}$ cups of mixed nuts, $3\frac{1}{2}$ cups of granola, and $\frac{3}{4}$ cup of raisins. What is the total amount of snack mix?

A $5\frac{2}{3}$ c

C $6\frac{2}{3}$ c

B $5\frac{7}{12}$ c

D $6\frac{7}{12}$ c

54. Short Response The graph shows the results of an election for class president. What fraction of the votes did Michaela receive?

Class Election Results

Sara $\frac{1}{2}$

Mia $\frac{1}{3}$

Michaela ?

55. The results of a grocery store survey are listed in the table. Find the fraction of families who grill out 2 or more times per month.

How Often Do You Grill Out?	
Times per Month	Fraction of People
less than 1	$\frac{11}{50}$
1	$\frac{2}{25}$
2–3	$\frac{4}{25}$
4 or more	$\frac{27}{50}$

F $\frac{2}{25}$

H $\frac{7}{10}$

G $\frac{23}{100}$

J $\frac{39}{50}$

56. Marco spent $\frac{4}{5}$ hour doing homework on Monday. On Tuesday, he spent $1\frac{1}{3}$ hours doing homework. How long did he spend working on homework for those two days?

A $\frac{8}{15}$ h

C $1\frac{16}{15}$ h

B $1\frac{5}{8}$ h

D $2\frac{2}{15}$ h

CCSS Common Core Review

Find each sum or difference. Write in simplest form. 7.NS.1d

57. $6\frac{1}{12} - \left(-8\frac{5}{12}\right)$

58. $2\frac{5}{12} + \left(2\frac{7}{12}\right)$

59. $2\frac{3}{8} - 1\frac{5}{8}$

60. A 3-foot-long shelf is to be installed between two walls that are $32\frac{5}{8}$ inches apart. How much of the shelf must be cut off so that it fits between the walls? 7.NS.3

Find each quotient. Write in simplest form. 7.NS.2b

61. $\frac{8}{9} \div \frac{4}{3}$

62. $12 \div \frac{4}{9}$

63. $\frac{a}{7} \div \frac{a}{42}$

64. How many $\frac{1}{4}$-pound hamburgers can be made from $2\frac{3}{4}$ pounds of ground beef? 7.EE.3

65. **STEM** A *micron* is a unit of measure that is approximately 0.000039 inch. Express this decimal as a fraction. 8.NS.1

Multiply. 7.NS.2a

66. $-2 \cdot (5 \cdot 10)$

67. $-1 \cdot (-5 \cdot 10)$

68. $15 \cdot (7 - 11)$

Solve by looking for a pattern. 7.NS.2

69. A ball bounces back up 0.5 of the height from where it starts on every bounce. If a ball is dropped from 36 feet, how high does it bounce up on the fourth bounce? Round to the nearest tenth.

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