Name: _____ Date: _____

PROGRESS ASSESSMENT

CHAPTER 3: Understanding Fractions

Grade 5

DOM 2

Sigma Education

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1 Which list contains only composite numbers?

A 25, 26, 27, 28

B 2, 4, 6, 8

C 11, 13, 15, 17

D 3, 6, 9, 12

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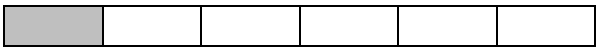
2 The expression below represents a fraction.

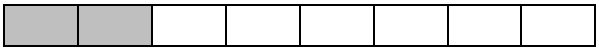
$$\frac{1}{6} + \frac{1}{6}$$

Which model does this expression represent?

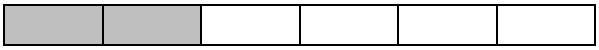
F



G



H



J

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3 Carmela ate $\frac{1}{6}$ of her candy bar. Joshua ate the same amount of his candy bar as Carmela. Which fraction could represent the amount of Joshua's candy bar that he ate?

A $\frac{1}{12}$

B $\frac{11}{16}$

C $\frac{2}{7}$

D $\frac{3}{18}$

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4 There are 24 students in Mrs. Trudy's class. $\frac{8}{24}$ of the class is wearing a white shirt today. Which fraction represents $\frac{8}{24}$ in simplest form?

F $\frac{1}{6}$

G $\frac{1}{3}$

H $\frac{1}{8}$

J $\frac{1}{4}$

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5 Which comparison is NOT true?

A $\frac{8}{12} < \frac{3}{4}$

B $\frac{8}{12} > \frac{5}{6}$

C $\frac{8}{12} = \frac{2}{3}$

D $\frac{8}{12} > \frac{1}{2}$

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Answer Sheet

#	Standard	Ans	Problem Description
1	5.4(A) 5.3(I)	A	Identifying a list of prime or composite number
2	5.3(H) 5.3(II)	J	Representing fractions as a sum of unit fraction models
3	5.3(H) 5.3(III)	B	Determining an equivalent fraction of a unit fraction
4	5.3(H) 5.3(IV)	F	Determining the unit fraction simplest form
5	5.3(H) 5.3(V)	B	Comparing fractions by changing 1 denominator

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