Name: _____ Class: _____ Date: _____

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___ 1. What mixed number and fraction does the shaded part of the model represent?   4.NF.3

a. $2\frac{1}{4}, \frac{9}{4}$

b. $2\frac{3}{4}, \frac{11}{4}$

c. $3\frac{1}{4}, \frac{13}{4}$

d. $11\frac{1}{4}, \frac{11}{4}$

___ 2. The rule of a sequence is multiply by 4. If the first term is 8, what are the next four terms?   4.OA.5

a. 28, 112, 448, 1,792
b. 32, 128, 512, 2,018
c. 32, 128, 512, 2,048
d. 32, 128, 412, 1,648

___ 3. In a pack of erasers, $\frac{2}{5}$ is pink and $\frac{1}{5}$ is blue. What fraction of the erasers is pink and blue?   4.NF.3d

a. $\frac{1}{5}$ b. $\frac{3}{5}$

c. $\frac{4}{5}$ d. $\frac{4}{10}$

Read each question. Select the correct answer.   4.OA.3
___ 4. What is the value of the unknown?

$(4 + 6) \div 2 = n$

a. $n = 5$ b. $n = 7$
c. $n = 8$ d. $n = 10$

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___ 5. Which three numbers have a common multiple of 12?   4.OA.4

a. 2, 3, 5   b. 2, 4, 8

c. 3, 6, 8   d. 3, 4, 6

___ 6. The equation shown in the table can be used to find the output when the input is 1, 3, and 5.   4.OA.3

$7 + (5 + x) \times 3 = y$	
Input (x)	Output (y)
1	
3	
5	

Which numbers complete the table?

a. 15, 21, 27

b. 16, 18, 21

c. 25, 31, 37

d. 39, 45, 51

Use the following table.

Cost per Pound	
Fruit	Cost (dollar)
Apples	0.35
Bananas	0.19
Cantaloupe	0.53
Grapes	0.15

7. Which fruit costs the most per pound?   4.NF.7

_____

_____

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8. Which fruit costs the least per pound?   4.NF.7

_____

_____

___ 9. Derek has 50 inches of balsa wood. He used $36\frac{7}{8}$ inches to make a kite. He used $12\frac{3}{8}$ inches to make a model airplane. How much of the balsa wood is left?   4.NF.3c

a. $\frac{3}{4}$ inch   b. $1\frac{1}{4}$ inches

c. $2\frac{1}{4}$ inches   d. $2\frac{1}{2}$ inches

___ 10. The table shows the cost (c) of swim passes (p) at a pool. What equation describes the pattern?   4.OA.5

Input (p)	2	4	6	8
Output (c)	28	56	84	112

a. $p + 26 = c$
b. $p \times 28 = c$
c. $p \div 14 = c$
d. $p \times 14 = c$

___ 11. Which equation represents $3 \times \frac{3}{5}$ as a multiple of a unit fraction?   4.NF.4a

a. $9 \times \frac{2}{5}$ b. $3 \times \frac{1}{5}$

c. $6 \times \frac{1}{5}$ d. $9 \times \frac{1}{5}$

___ 12. Look at the equation. What is the value of b when $a = 3$?   4.OA.3

$(15 - a) \div 3 = b$

a. 3   b. 4
c. 6   d. 14

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Answer Key

1. d

2. a

3. d

4. a

5. a

6. c

7. cantaloupe

8. grapes

9. d

10. a

11. b

12. d