

GR4 Q3 Post Test Benchmark Student Copy

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



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

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

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

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

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. 32, 128, 512, 2,048

b. 28, 112, 448, 1,792

c. 32, 128, 412, 1,648

d. 32, 128, 512, 2,018

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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. $\frac{4}{5}$

c. $\frac{4}{10}$ d. $\frac{3}{5}$

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. $n = 10$

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

- a. 3, 4, 6 b. 3, 6, 8
c. 2, 3, 5 d. 2, 4, 8

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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. 39, 45, 51
- c. 25, 31, 37
- d. 16, 18, 21

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. $2\frac{1}{2}$ inches b. $1\frac{1}{4}$ inches

c. $2\frac{1}{4}$ inches d. $\frac{3}{4}$ inch

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. $p \times 14 = c$

b. $p + 26 = c$

c. $p + 14 = c$

d. $p \times 28 = c$

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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. $9 \times \frac{1}{5}$

c. $6 \times \frac{1}{5}$ d. $3 \times \frac{1}{5}$

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. 6

c. 14 d. 4