

Name: \_\_\_\_\_

## Unit 3 Review

1.) Each room at the pet store has space for 9 animals. The table shows the number of different animals that need to be placed in the rooms.

Animal	Number of Animals
Puppy	74
Kitten	14
Rabbit	35

What is the minimum number of rooms needed for all of the puppies and kittens?

- A.) 9      B.) 10      C.) 11      D.) 12

2.) Mario has \$412 to spend on video games. Each game costs \$4, which strategy could be used to find the number of video games Mario can buy?

- A.) Divide 40 by 4, divide 12 by 4, add the results  
B.) Divide 400 by 4, divide 12 by 4, add the results  
C.) Divide 400 by 4, divide 12 by 4, subtract the results

3.) A farmer packs red apples and green apples. He has 234 red apples and 169 green apples. He packs 6 apples into each box. Which shows the least number of boxes he will need to pack all the apples?

- A.)  $234 + 169 = 413$ ,  $413 \div 6 = 68r5$ ; 69 boxes  
B.)  $234 + 169 = 403$ ,  $403 \div 6 = 70$ ; 70 boxes  
C.)  $234 + 169 = 403$ ,  $403 \div 6 = 67r2$ ; 68 boxes

4.) Lucy made bracelets at 5 birthday parties. She placed 7 red beads on each bracelet. If she had 1,349 red beads, how many bracelets did she make?

- A.) 192 bracelets with 5 beads left over.  
B.) 172 bracelets with 0 beads left over.  
C.) 102 bracelets with 4 beads left over.

5.) Elizabeth received 12 dozen roses for Valentines day. She placed the roses equally in to 7 vases. She gave the left over flowers to her daughter. How many flowers did she give to her daughter?

- A.) 20  
B.) 2  
C.) 4

6.) There are 43 seals at the zoo. Each seal eats 29 fish a day. What is the total amount of fish that is eaten in one day?

- A.) 1,247      B.) 1,472      C.) 1,200      D.) 72

7.) What is the last step in solving this equation?  $3,315 \div 3$

	3
1,000	3,000
100	300
5	15

- A.)  $3,000 + 300 + 15 = 3,315$   
B.)  $1,000 + 300 + 15 = 1,315$   
C.)  $100 + 100 + 5 = 205$   
D.)  $1,000 + 100 + 5 = 1,105$

8.) Jeff counted the birds that landed on his porch. On Monday 67 birds landed, Tuesday 32 and on Wednesday 45 birds landed. What was the average number of birds that landed on Jeff's porch?

- A.) 144      B.) 40      C.) 48      D.) 3

9.) Martha has 73 star stickers and 43 heart stickers. She shares them equally between herself and 4 friends. She keeps the left over stickers for herself. How many stickers does Martha have?

- A.) 24      B.) 23      C.) 22      D.) 21

10.) Which of the following shows how to solve  $464 \div 2$ ?

- A.)  $(400 \div 2) - (60 \div 2) - (4 \div 2) = 168$   
B.)  $(400 \div 2) + (60 \div 2) + (4 \div 2) = 232$   
C.)  $(400 \div 2) + (60 \div 2) + 4 = 234$   
D.)  $(400 \div 2) + 60 + (4 \div 2) = 261$

Name: \_\_\_\_\_

## Unit 3 Review

1.) Each room at the pet store has space for 9 animals. The table shows the number of different animals that need to be placed in the rooms.

Animal	Number of Animals
Puppy	74
Kitten	14
Rabbit	35

\*\*\*Add  $74+14$  then divide that by 9. You get 9 remainder 7! Remind the students that you would need 10 rooms because if you only used 9 rooms there would be 7 puppies/kittens with out a room!\*\*\*\*

What is the minimum number of rooms needed for all of the puppies and kittens?

- A.) 9      B.) 10      C.) 11      D.) 12

2.) Mario has \$412 to spend on video games. Each game costs \$4, which strategy could be used to find the number of video games Mario can buy?

- A.) Divide 40 by 4, divide 12 by 4, add the results  
B.) Divide 400 by 4, divide 12 by 4, add the results  
C.) Divide 400 by 4, divide 12 by 4, subtract the results

3.) A farmer packs red apples and green apples. He has 234 red apples and 169 green apples. He packs 6 apples into each box. Which shows the least number of boxes he will need to pack all the apples?

- A.)  $234 + 169 = 413$ ,  $413 \div 6 = 68r5$ ; 69 boxes  
B.)  $234 + 169 = 403$ ,  $403 \div 6 = 70$ ; 70 boxes  
C.)  $234 + 169 = 403$ ,  $403 \div 6 = 67r2$ ; 68 boxes

4.) Lucy made bracelets at 5 birthday parties. She placed 7 red beads on each bracelet. If she had 1,349 red beads, how many bracelets did she make?

- A.) 192 bracelets with 5 beads left over.  
B.) 172 bracelets with 0 beads left over.  
C.) 102 bracelets with 4 beads left over.

5.) Elizabeth received 12 dozen roses for Valentines day. She placed the roses equally in to 7 vases. She gave the left over flowers to her daughter. How many flowers did she give to her daughter?

- A.) 20  
B.) 2  
C.) 4

\*\*\*Remind your student how many are in a dozen, they must do  $12 \times 12$  first then solve.\*\*\*

6.) There are 43 seals at the zoo. Each seal eats 29 fish a day. What is the total amount of fish that is eaten in one day?

A.) 1,247

B.) 1,472

C.) 1,200

D.) 72

7.) What is the last step in solving this equation?  $3,315 \div 3$

	3
1,000	3,000
100	300
5	15

A.)  $3,000 + 300 + 15 = 3,315$

B.)  $1,000 + 300 + 15 = 1,315$

C.)  $100 + 100 + 5 = 205$

D.)  $1,000 + 100 + 5 = 1,105$

8.) Jeff counted the birds that landed on his porch. On Monday 67 birds landed, Tuesday 32 and on Wednesday 45 birds landed. What was the average number of birds that landed on Jeff's porch?

A.) 144

B.) 40

C.) 48

D.) 3

9.) Martha has 73 star stickers and 43 heart stickers. She shares them equally between herself and 4 friends. She keeps the left over stickers for herself. How many stickers does Martha have?

A.) 24

B.) 23

C.) 22

D.) 21

\*\*\*After you add the total number of stickers, remind students they have to divide by 5 ( four friends PLUS herself!) then she has to add the remainder to her portion of the stickers!\*\*\*

10.) Which of the following shows how to solve  $464 \div 2$ ?

A.)  $(400 \div 2) - (60 \div 2) - (4 \div 2) = 168$

B.)  $(400 \div 2) + (60 \div 2) + (4 \div 2) = 232$

C.)  $(400 \div 2) + (60 \div 2) + 4 = 234$

D.)  $(400 \div 2) + 60 + (4 \div 2) = 261$

\*\*\*You have to divide the 2 by each numbers value, that is why they are in parentheses. Then you add them together.\*\*\*