**N5**

 What is the ratio of dogs to all pets?

 A) 4 : 5

 B) 4 : 9

 C) 5 : 4

 D) 5 : 9

**N5**

 Which of the following is **NOT** a correct way to describe the ratio of cats to dogs?



A) three to five

1. 3 to 5
2. 3 : 5
3. $\frac{3}{5}$

**N5**

 What is the ratio of butterflies to ladybugs?

 A) 11 : 4

 B) 4 : 11

 C) 4 : 3

 D) 3 : 4

**N5**

 Which of the following lists represents the correct ratio of ladybugs to dragonflies?



1. 3:4, $\frac{3}{4}$ , 3 to 4
2. 7:11 $\frac{7}{11}$ , 7 to 11
3. Four to three, 4:3, 4 to 3
4. Three to four, 3:4, 3 to 4

**N7**

 What temperature represents 2 degrees colder than -3° C?



1. -5°
2. -1°
3. 1°
4. 5°

**N7**

 Which set of numbers is in ascending order?

1. -5, -17, -55, +3, +14, +28
2. +3, -5, +14, -17, +28, -55
3. -55, -17, -5, +3, +14, +28
4. -55, +28, -17, +14, -5, +3

**N7**

 Which temperature is 7 degrees colder than 1° C?

1. -8°
2. -6°
3. 6°
4. 8°

**N7**

 Which set of numbers is in ascending order?

1. -47, -13, -6, 0, +9, +22
2. 0, -6, +9, -13, +22, -47
3. -47, +22, -13, 9, -6, 0
4. -6, -13, -47, 0, 9, +22

**N8**

 Bill says that 2.34 x 6 = 1404, but he forgot the decimal. Where should he place the

 decimal?

1. 0.1404
2. 1.404
3. 14.04
4. 140.4

**N8**

 Four students share the cost of a pizza for lunch. The total bill was $17.00. How much did each student pay for their share of the pizza?

1. $6.80
2. $4.00
3. $5.00
4. $4.25

**N8**

 Kevin wanted to purchase 6 songs from iTunes. Each song costs $0.99. How much

 did Kevin spend?

1. $6.99
2. $7.00
3. $5.94
4. $5.01

**N8**

 Jo’s class raised money to donate 8 frozen turkeys to the Food Bank. The average

 mass of one turkey was 7.2*kg* and the average price was $20.50. How much money

 did Jo’s class raise?

1. $57.60
2. $164.00
3. $147.60
4. $160.00

**N8**

 Charlene says that 15.205 x 4 = 6082, but she forgot the decimal. Where should she

 place the decimal?

1. 0.6082
2. 6.082
3. 60.82
4. 608.2

**N9**

 Solve: 6 x 7 + (12 + 9) ÷ 3

1. 21

B) 43

C) 49

D) 57

**N9**

 Where would you place the brackets in the following expression so that the answer is 10

7 + 3 x 6 ÷ 2 + 4

1. (7 + 3) x 6 ÷ 2 + 4
2. 7 + 3 x 6 ÷ (2 + 4)
3. 7 + 3 x (6 ÷ 2) + 4
4. 7 + (3 x 6) ÷ 2 + 4

**N9**

 Where would you place the brackets so that the expression equals 36?

1. x 5 + 3 x 5 – 4

 A) 2 x (5 + 3) x 5 – 4

B) 2 x 5 + 3 x (5 – 4)

C) 2 x (5 + 3 x 5) – 4

D) 2 x 5 + (3 x 5 – 4)

**N9**

 Before you claim your new car in the Roll Up the Rim contest, you have to answer

 the following skill-testing question correctly.

 50 ÷ 5 + 8 x (9 + 2) – 6

1. 50
2. 92
3. 158
4. 192

**N9**

 Where would you place the brackets in the following expression so that the answer is 23?

 3 + 5 x 8 ÷ 4 - 2

1. (3 + 5) x 8 ÷ (4 - 2)
2. 3 + 5 x 8 ÷ (4 - 2)
3. 3 + ( 5 x 8) ÷ 4 - 2
4. 3 + 5 x (8 ÷ 4) - 2