

Final Test — Form A

5.OA

5.NBT

5.NF

5.MD

5.G

Name _____ Date _____

Grade 5 math final — all topics. Show your work and write each answer in simplest form.

1. Evaluate $24 - 3 \times (5 + 1)$.
2. In the number 48.327, what is the value of the digit 3?
3. A red fox weighs 4.7 kg. A bald eagle weighs 4.7×10^3 grams. Write 4.7×10^3 as a whole number.
4. Order these trail lengths (in km) from least to greatest: 0.4, 0.39, 0.405.
5. A river otter is 36.842 inches long. Round its length to the nearest tenth of an inch.
6. Which expression has the same value as 7×10^4 ?

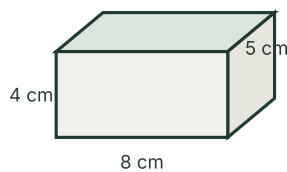
A) 70×10 B) 7×1000

C) 70,000D) 7000
7. A bee colony makes 346 grams of honey each week. How much honey does it make in 28 weeks?
8. A wildlife sanctuary spreads 5824 acorns equally into 16 feeding stations. How many acorns go in each station?
9. $14.6 + 9.85$.
10. A pelican's pouch holds 20.5 L of water. It spills out 7.84 L. How much water is left?
11. 6.4×0.35 .
12. $4.55 \div 0.7$.
13. A robin gathers $\frac{2}{3}$ cup of seeds in the morning and $\frac{1}{4}$ cup in the afternoon. How many cups did it gather in all?

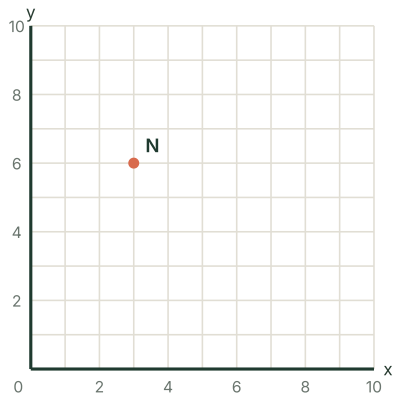
14. A young giraffe was $5\frac{1}{4}$ ft tall last year and is $2\frac{2}{3}$ ft taller now. Find $5\frac{1}{4} - 2\frac{2}{3}$.
15. $\frac{3}{4} \times \frac{2}{5}$.
16. A trail is 9 miles long. A hiker has walked $\frac{2}{3}$ of it. How many miles has the hiker walked?
17. A park ranger has 4 cups of birdseed and fills feeders that each hold $\frac{1}{3}$ cup. How many feeders can the ranger fill?
18. Four chipmunks share $\frac{1}{2}$ pound of nuts equally. How many pounds does each chipmunk get?
19. A bear cub weighs 2.5 kilograms. How many grams is that? (1 kg = 1000 g.)
20. The line plot shows the lengths (in inches) of leaves a class collected. How many leaves are longer than $\frac{2}{8}$ inch?



21. Find the volume of the terrarium shaped like a rectangular prism.



22. On the trail map, name the coordinates of the bird nest *N*.



23. A garden pond has exactly one pair of parallel sides. Which name describes its shape most specifically?

- A) Square
- B) Rhombus
- C) Trapezoid
- D) Rectangle

24. A pet store sells birdseed in bags that each weigh 1.25 kg. How much do 6 bags weigh in all?

25. An animal shelter is caring for 24 pets. Exactly $\frac{5}{8}$ of them are dogs, and the rest are cats. How many cats are at the shelter?

26. An aquarium tank holds 1500 liters of water. A pump adds 125 liters each hour. How many hours will it take to fill the empty tank?