1. If Kirby Yates plays fetch with his dog Chubbs at Petco Park, and throws the ball 100 feet and his dog can run 20 feet per second, how long until his dog reaches the ball?

2. If a puppy weighs 2 lbs (pounds) 6 oz (ounces), and then a year later the puppy now weighs 13 lbs 8 oz, how much weight did the puppy gain?

3. What percentage gain in weight has the puppy gained?

4. If you buy a bag of treats for your dog that holds 150 treats, and your dog averages 3 treats a day, how long will the bag last?

5. If a Great Dane weighs 180 lbs and a Miniature Dachshund weights 10 lbs, how many Miniature Dachshunds would it take to weigh as much as the Great Dane?

6. Kirby Yates' dog Chubbs, weighs 60 lbs and Manny Machado's dog Kobe weighs 15 lbs, how many Kobe's would it take to weight as much as Chubbs?

7. If you live 18 miles from a Petco store and travel on average 33 mph (miles per hour), how long would it take for you to arrive?

8. How far could a dog run in 10 minutes if it ran at 18 feet per second?

9. Based on Question #8, how many yards is that?

10. Based on Question #8, how many miles is that?

COMPADRES KIDS
MATH ANSWERS

1. **5 seconds**

   100 feet / 20 feet per second = 5 seconds to reach the ball!

2. **11 lbs 2oz**

   2 lbs 6 oz = 38 oz; 13 lbs 8 oz = 216 oz; so, 216 - 38 = 178 oz, 178 / 16 = 11 lbs 2 oz

3. **468.4%**

   38 oz (start), 216 oz (finish); (216 - 38) / 38 = 468.4%

4. **50 days**

   150 treats / 3 treats a day = 50 days

5. **18 Miniature Dachshunds**

   180 lbs (Great Dane weight) / 10 lbs (Miniature Dachshunds weight) = 18 Miniature Dachshunds

6. **4**

   60 (Chubbs' weight) / 15 (Kobe's weight) = 4 Kobes!

7. **33 minutes**

   18 miles / 33 miles per hour = .5454 hour x 60 minutes = 32.724 ~ 33 minutes

8. **10,800 feet**

   10 min = 600 seconds; (18 feet / second) x 600 seconds = 10,800 feet

9. **3,600 yards**

   3 feet / yard; so 10,800 / 3 = 3,600 yards

10. **2.05 miles**

    1 mile = 1,760 yards, so 3,600 yards = 2.05 miles