Grade 4

1. Two cyclists are riding towards each other from two cities. One's speed is 15 km/h, the other's is 20 km/h. The distance is 70 km. In how many hours will they meet? (Options: 3 hours, 2.5 hours, 2 hours)
2. Find a number, 1/3 of which is equal to 1/4 of 24. (Options: 18, 24, 12)
3. There are 30 students in a class. 18 swim, 15 play chess. 5 do neither. How many students do both? (Options: 8, 10, 3)
4. 3 hens lay 3 eggs in 3 days. How many eggs will 12 hens lay in 12 days? (Options: 12, 48, 144)
5. Find the perimeter of a rectangle if its area is 36 cm² and one side is 4 times larger than the other. (Options: 24 cm, 30 cm, 40 cm)
6. If $2x + 5 = 17$, what is $2x - 5$ equal to? (Options: 12, 7, 5)
7. A palindrome is a number that reads the same backwards (121). How many palindromes are there between 100 and 200? (Options: 9, 10, 11)
8. At 12:00, the hour and minute hands coincided. When will they coincide next (approximately)? (Options: 13:00, 13:05, 13:10)
9. 7 dwarfs have 3 houses. Can they all fit so that there are no more than 2 dwarfs in each house? (Options: Yes, No)