

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

Grade: \_\_\_\_\_ Date: \_\_\_\_\_



1. Man first walked on the moon half-a-century ago. How many **MONTHS** are there in half a century?



2. Aussie tennis champion Ash Barty was born in April, 1996. If she has played tennis for 10 years altogether, what **FRACTION** of her whole life so far is that? Express your answer in simplest terms.

3. The cute Volkswagen Beetle has been in production for 8 decades plus one year. So, in what year was the first "Beetle" made?



4. One major pie company produces 19,000 pies per hour in their bakery. If they work 12 hours per day, how many pies do they produce in 2 working days?

5. In a huge recycling effort, a not-for-profit company is now able to create 100 artificial hands for small children, from a million plastic drink bottle tops. They use 3D printers to do this. How many of these hands could they make from  $2\frac{1}{4}$  million of these bottle tops?



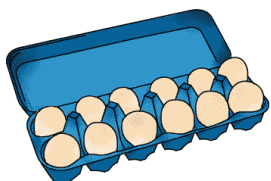
6. On the TV program "**HOUSE RULES**", the theme last week was "Dream Gardens". What fraction of the letters in that theme title are consonants?

7. A wonderful charity called "**PET MEDICAL CRISIS**" helps **VERY NEEDED** people who **LOVE** their pets, but can't afford big vet bills. It relies on donations from the public to help pay vet charges. If a sick dog needs surgery costing \$4,500, how many donations of \$50 would be needed?



8. Oliver's dad was building a square deck outside the back door of their house. The area of the deck was 64 square metres. What was the perimeter of that deck?

9. One telephone company has had 300 complaints about service for every 10,000 phone connections it provides. What percentage of complaints is that? And what percentage of all those customers has **NOT** complained?



10. **Open-Ended Question:** A supermarket manager has between 140 and 210 hen eggs to be placed into egg cartons that hold a dozen eggs. **EXACTLY** how many cartons can he **FILL** from those eggs?