

Student Name: _____

Grade: _____ Date: _____

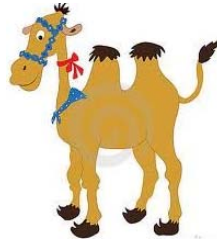


1. The latest party fad for little girls is a "Mini Manicure Party." The cost for 10 girls aged 4 to 10 is \$550 for a 90-minute party. What is the cost per child PER HOUR to get their nails done (and have lots of fun!)?



2. A Lego Discovery Centre in the city recently took delivery of 55,000 Lego bricks. In the end, two million Lego bricks will be used to actually build the whole Centre. What fraction is the 55,000 bricks of the two million bricks (in lowest terms)?

3. Some places in Australia hold camel races! If one of the races includes a total of 32 camel legs, and 50% of all the camels in the race have two humps instead of one, how many camel humps are there in the race?



4. A special KitKat store, recently opened, lets you create your own special KitKats using different fancy ingredients! If a normal KitKat costs \$2.20 and each special ingredient costs an extra 15%, what would be the total cost if they added marshmallows and peppermints?

5. Adelaide Zoo's orangutan named Kluet is releasing a music single to raise money for the zoo! They're asking people to pay what they'd like to pay for the single. If 100 copies are sold, and the first 10% of sales go for \$1, how much money would be raised if each further 10% doubled in price?



6. Video of a shark attacking a diver's cage was put on YouTube last week, and currently has 18,634,000 views after 11 full 24-hour days. Calculate how many views it's had per day, on average, in that time.

7. The new game "Paper Mario: Colour Splash" shows Mario having to splat colourful paint around the world! If the first splat of paint covers a 1 m x 1 m square, and each additional splat causes the paint to cover double the previous splat area, what total area can be covered by the first 10 splats?



8. **Open-ended Question:** The World Vision Christmas Catalogue suggests some gifts Aussies can give to needy children overseas. Six suggestions are: Clean drinking water -- \$60; A goat -- \$40; A llama -- \$197; Pencils -- \$5; Chickens -- \$10; Fast-growing seeds -- \$10. If you and your friends raised \$500 to be used via World Vision, what combination of these gifts would you choose? (You could give multiples of any of these items.)

World Vision®

ANSWERS – EdShop Worded Maths Extension Worksheet EW 41 16

1. \$36.66 per hour
2. 11/400
3. 12 humps
4. \$2.86 altogether
5. \$10,230
6. 1,694,000 views per day on average
7. 1,023 m²
8. Various answers