

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

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



1. In the 1956 Olympics, there were 17 sports. In the 2016 Olympics, there were 28 sports. If this rate of increase continues, how many events may there be in the Olympics in the year 2076?



2. Pete had 20 Pokemon in "Pokemon Sun". His friend wants 5 of Pete's ordinary Pokemon to trade for one of his rare ones. How many Pokemon will Pete have left? (Careful of the trick here!)

3. Australia's cricketers seem to be getting better. The first 6 batsmen in the Adelaide Test Match last week scored 138, 10, 11, 59, 54, and 0. What was the AVERAGE score of the first 6 batsmen (to 1 dec. place)?



4. If you sign up to a music service like Spotify that lets you listen to unlimited songs, how many  $3\frac{1}{2}$ -minute songs could you listen to in 2 hours?

5. One morning last week, Channel 7's "CASH COW" accidentally went to the wrong houses to present a big prize. If the street had 130 houses, and Cash Cow visited 20% of them wrongly, how many WRONG houses did she visit?



6. Meg's class want to have a party for the end of the school year, with lots of pizza! A pizza costs \$10 for 8 slices. Meg wants each person to have 3 slices. How many people can she invite to the party, with her budget of \$120?



7. About 8% of Australia's population is colour-blind to some extent. There are about 24 million people living in Australia. So, about how many of them suffer from a degree of colour-blindness?

8. To get her roses blooming better, Flossy had to mix fertiliser with water. The "recipe" was for 24 grams of fertiliser per litre of water. She needs to make 15 litres. How many grams of fertiliser will she need?



9. Spring and Summer are the two most popular seasons of the year. But these seasons have fewer days than Autumn and Winter. How many fewer days?



10. Open-ended Question: Phil's parents won a raffle, and want to share \$480 between their 4 children, aged 2, 5, 7 and 12. Should they share it equally, or according to age? If they decide to go according to age, how much should each child get, in YOUR opinion?

## ANSWERS – EdShop Worded Maths Extension Worksheet EW 45 16

1. 39 sports
2. 16 (Remember, he receives one card back for the swap!)
3. 45.3
4. 34 complete songs
5. 26 wrong houses
6. 32 people
7. 1,920,000
8. 360 grams
9. 3 fewer days
10. Various answers