EdShop <u>Upper-Primary Maths</u> Worksheet UP 28 16

Student Name: _____ _____

Grade: _____   Date:_____

1. The 2016 World Vision 40-Hour Famine is on August 19-21. This year there's a choice: Go without food, or without talking, or without technology. In Bazza's class of 32 students, ¾ chose to go without talking, 3/16 chose to go without food, and the rest chose to go without technology. How many was that?

2. Coming up on August 24th, FIVE of the planets of earth will have orbits that ALMOST have them in a straight line when viewed from earth. The planets are Mercury, Venus, Jupiter, Mars and Saturn. What fraction of all the letters in these planet names are vowels?

3. The first season of a new TV movie is going to be 23 episodes long. It takes 30 minutes to watch each episode, _including_ 10 minutes of commercials that take 30 seconds each. So, how many commercials would you watch over that whole season?

4. The "MOST TRUSTED CHARITY" in our country is Guide Dogs Australia. 2,400 people surveyed, and 65% of them chose Guide Dogs as the most trustworthy charity. How many people was that?

5. On August 9th, Australians have to answer questions on the Census form. If 85% of Australia's 9.7 million households answer all questions correctly, how many households make a mistake on their form?

6. The amazing magician Dynamo (yes, that's his name!) has 5.4 million followers on Facebook. If just 3% of those followers have actually been to a Dynamo performance, how many people is that?
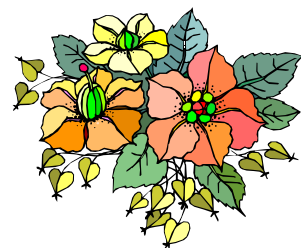
7. Find the sum of ½, 1/3 and ¼.

8. The perimeter of Farmer Brown's goat paddock is 114 metres. If it is 22 metres wide, how long is the paddock?

9. Find the product of ½ and ½.

10. <u>Open-Ended Question:</u> In a small garden nursery in a country town, 60% of the plants were flowering plants, 20% were deciduous trees and the remaining plants were evergreen trees. How many plants could there have been in the nursery altogether, if there were LESS THAN 1,000 plants altogether? Give 3 possible answers, and explain how you got those answers.

1. 2
2. 10/29
3. 460 commercials
4. 1,560
5. 8,245,000
6. 162,000
7. 13/12   =   1 and 1/12
8. 35 metres long
9. ¼
10. Various answers