

Student Name: _____

Grade: _____ Date: _____



1. A new building has a total of 22 lifts (elevators). Each lift has a capacity of 16 people. If half the lifts are $\frac{3}{4}$ full, and the rest are $\frac{1}{2}$ full, how many people are in those lifts altogether at that time?
2. At the Federal elections a couple of Saturdays ago, there was a queue of 120 people lined up. If 35% of these people each bought a sausage in bread for \$2.20, how much money changed hands from the sale of sausages?



3. Airport security in Australia is extremely tight. One traveller has been detained and searched 30 times in 5 years. If that is the case, how many months on average has there been between his airport searches?



4. According to research, a policeman on an 7 hour 36-minute shift spends 40% of that time on average coping with paperwork and forms. How long is NOT spent on paperwork, at that rate?
5. Last week, a taxi driver found a package containing a quarter of a million dollars left in the back seat of his cab. Write down that amount in figures.



6. A "Monster High" doll costs \$9. There are 20 dolls in the set. If you earn \$14 an hour at your job, how long will you need to work to afford the whole set?

7. France won their Euro 2016 soccer match against Iceland, scoring 5 goals to 2. If the match went for 90 minutes, what was the average amount of time it took to score each goal (to nearest minute)?



8. Australia has just had a Federal Election to decide on a new Prime Minister. If there are 150 Lower House seats to vote for and you need the most number of seats to win, what is the smallest number of seats you'd need to win?
9. The Melbourne Zoo has a new baby elephant, but she's very sick. The zoo has 3 vets working 8 hour shifts to look after her. If each vet earns \$95 an hour, what is the wages total for all 3 vets over a full week?

10. **Open-Ended Question:** Betty, the lolly-shop owner, had 50 chocolate bars in stock at the start of the morning. But how many did she sell that day? She knew it was a **two-digit number** and that it had **only one 4** in it. What might the number of chocolate bars sold be? Give 3 possible answers.



ANSWERS – EdShop Worded Maths Extension Worksheet EW 25 16

1. 220 people
2. \$92.40
3. 2 months on average
4. 4 hours 34 minutes (correct to 1 decimal place)
5. \$250,000
6. 13 hours of work
7. 12.9 minutes
8. 76 seats to win
9. \$15,960
10. Various answers