

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

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



1. At the movies, a 200-gram box of popcorn costs \$9.50. But if you buy the same weight of popcorn at a supermarket, you would pay just \$1.90. What is the difference between these two prices? And why does the theatre charge so much more? Give 2 possible reasons.

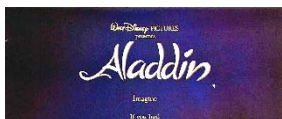


2. Sarah's dad mows their lawn 16 times in a full year. Half of those times are in winter and spring, an eighth of the times are in summer and the rest are in autumn. How many times does he mow it in autumn?

3. The video game "The Sims 4" costs \$40 on its own, but then has 6 expansion packs that cost \$49 each. If they have a bundle discount where you get all of them for 25% off, how much would you have to pay for the entire set?



4. Making fairy floss uses a special type of flavoured sugar that gets spun into the light, cottonwool form we're all familiar with! If 1 kg of sugar creates 10 lots of fairy floss on a stick, and the total weight of the 10 delicious sticks of fairy floss is 1.25 kg, how much does each wooden stick weigh, in grams?



5. Disney Studios has announced a new version of the movie "Aladdin" that will be live action instead of a cartoon! The original came out in 1992 and cost \$28 million to make. How much will the new movie cost if the budget is an additional 50% of the original movie's cost?

6. IMAX will be screening a "Harry Potter Movie Marathon". The full series of 8 movies runs for 1284 minutes, with a 15-minute toilet break between each movie. What is the average length of each movie (rounded to the nearest minute)? (Note: No toilet break is needed after the final movie!)



7. Australia's shortest-serving Prime Ministers were: Arthur Fadden (39 days), John McEwan (22 days), Sir Earle Page (19 days) and Frank Forde (7 days). Show these terms as Prime Minister on a graph. Can you think of a reason why these terms Prime Minister may have been so short?



8. **Open-ended Question:** Jeannie got \$44 altogether for her birthday present. She wanted to spend the money at her church fete, where everything cost either \$3, \$4 or \$5. What is the largest number of items she could buy, and what is the smallest number?

## ANSWERS – EdShop Worded Maths Extension Worksheet EW 39 16

1. \$7.60 difference. Various reasons
2. 6 times in autumn
3. \$250.50
4. 25 grams per stick
5. \$42 million
6. 173 minutes
7. Various graphs and reasons
8. Various answers