

Student Name: _____

Grade: _____ Date: _____



1. Weet-Bix breakfast cereal comes in 1.2 kg boxes and 1.4 kg boxes. If the makers of Weet-Bix increased each box by 10%, what would the weights of the new sized boxes be?



2. Last week the Winter Solstice occurred (on June 21st). That means the shortest day of the year. On that day, the sun rose at 7.36 am and set at 5.08 pm. For how long, in hours and minutes, was daylight visible?

3. A huge book about worms has 774 pages of text. There are 6 sections in the book, and each section has an equal number of pages. How many pages are there altogether in 4 sections of the book?



4. On the Derwent River, Hobart, Tasmania there were 313 vessels launched from the Battery Point slipyards in the 1800s. About how many ships each year were launched from Battery Point over that 100-year period? (Round off your answer to a whole number)

5. At Jamie's cricket club, a regulation set of stumps covers an area 71 cm high by 23 cm wide. When Jamie and his friends are playing cricket in the street, they use a wheelie bin measuring 93 cm x 48 cm as stumps. So how much greater area does the bowler have to get someone out, than with the regulation stumps?



6. Wes's mum asked him to go to the butcher and buy 3 kg of sausages. She gave him \$20 for the purchase. He came home with the sausages and change of 80 cents. How much per kilogram did the sausages cost?



7. At training, Marion has to jog around the oval along a track that is 440 metres long. How many kilometres will she jog if she completes 20 laps? (Answer correct to 2 decimal places)

8. This week, snow has been falling at a number of places in southern Australia. At Mount Buller, snow was falling at the rate of 5 centimetres an hour. At that rate, how long would it take snow to be a quarter of a metre deep?

9. **Open-Ended Question:** Barb and Bob are both 12 years old this year, but they have birthdays in different months. If you add the number of days in each of their birthday months, the total is 61 days. What could those 2 months possibly be? (Give all possible answers.)



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1. 1.32 kg and 1.54 kg
2. 9 hours and 32 minutes
3. 516 pages
4. About 3 ships each year
5. 2,831 cm² more
6. \$6.40 per kilogram
7. 8.8 kilometres
8. 5 hours
9. Various possible answers