

How Much Water?

An educational guessing game for your classroom or event

How to play

Print out the 14 food and drink pages, the answer sheet and three certificates on your printer. If you are playing the quiz/test version of the game, we have included 15 copies of the quiz sheet in this file for your students to write their answers on. If you need to print more, print from page 20 of this PDF onwards.

The game can be played *one at a time* or as a *quiz/test*.

One at a time:

The teacher holds up a food card and members of the class or audience guess how much water is needed to make that commodity. The closest to the actual amount is the winner of that round. The winner of the most rounds wins the game.

Quiz/Test:

In the quiz/test version the teacher holds up one card at a time and each student writes his or her guess as to how much water is needed to produce that food or drink on their quiz sheet or a sheet of paper.

When the results are collected each student or the teacher themselves adds up each students answers to give their final total. The actual total of litres for all of the food and drink items in the game is **10, 726**. The student or player who is closest to this figure either above or below is the winner of the game, the next closest is second, etc... In asking the student to add up his or her totals before revealing the answers one at a time, the teacher is also testing the students mathematic abilities.

At the end of the day winning this game isn't important. What is important is that you and your students have learnt how much water goes into making the food we eat. Even so, If you would like to, you can write the three winning students names on the certificates you have printed out from this file and award them to the students.



22 March – www.unwater.org/worldwaterday

Water and Food Security – Coordinated by



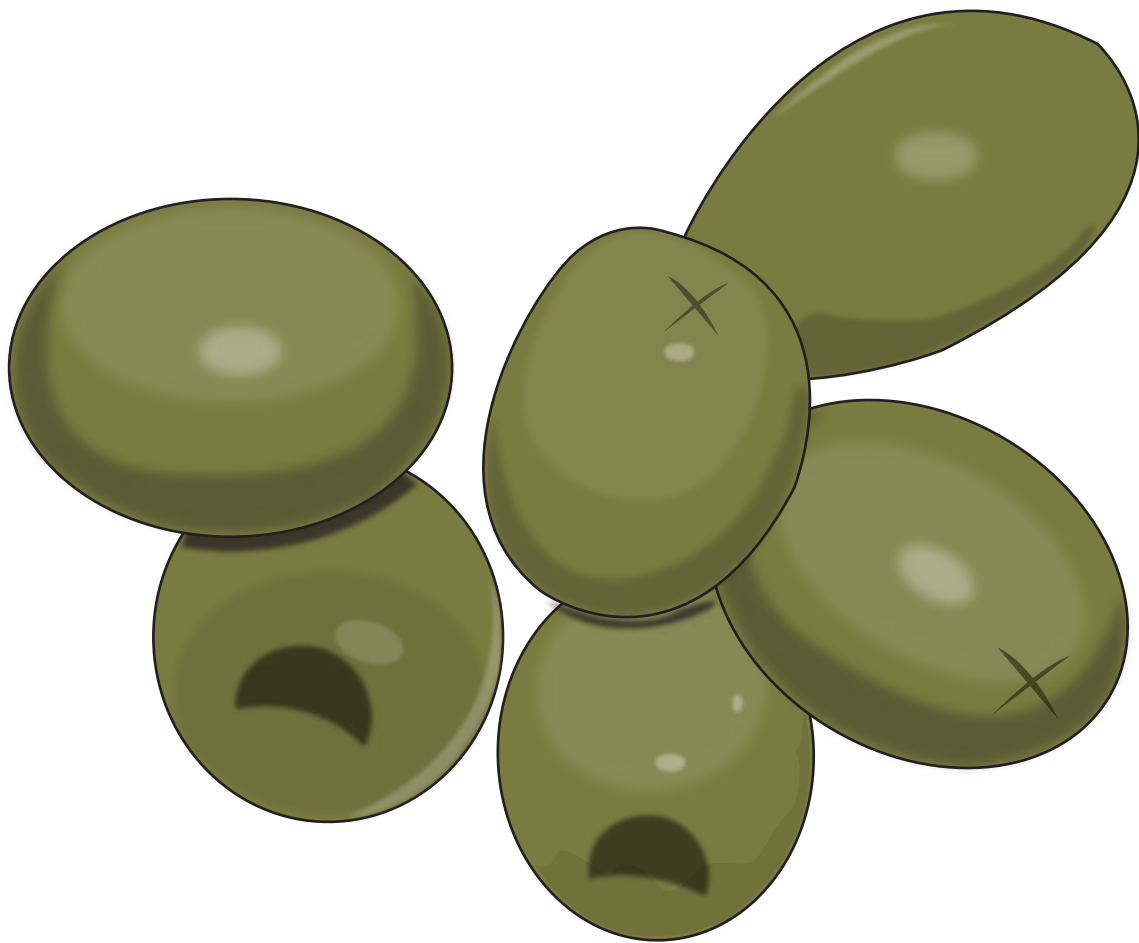
How many litres of
water to produce...



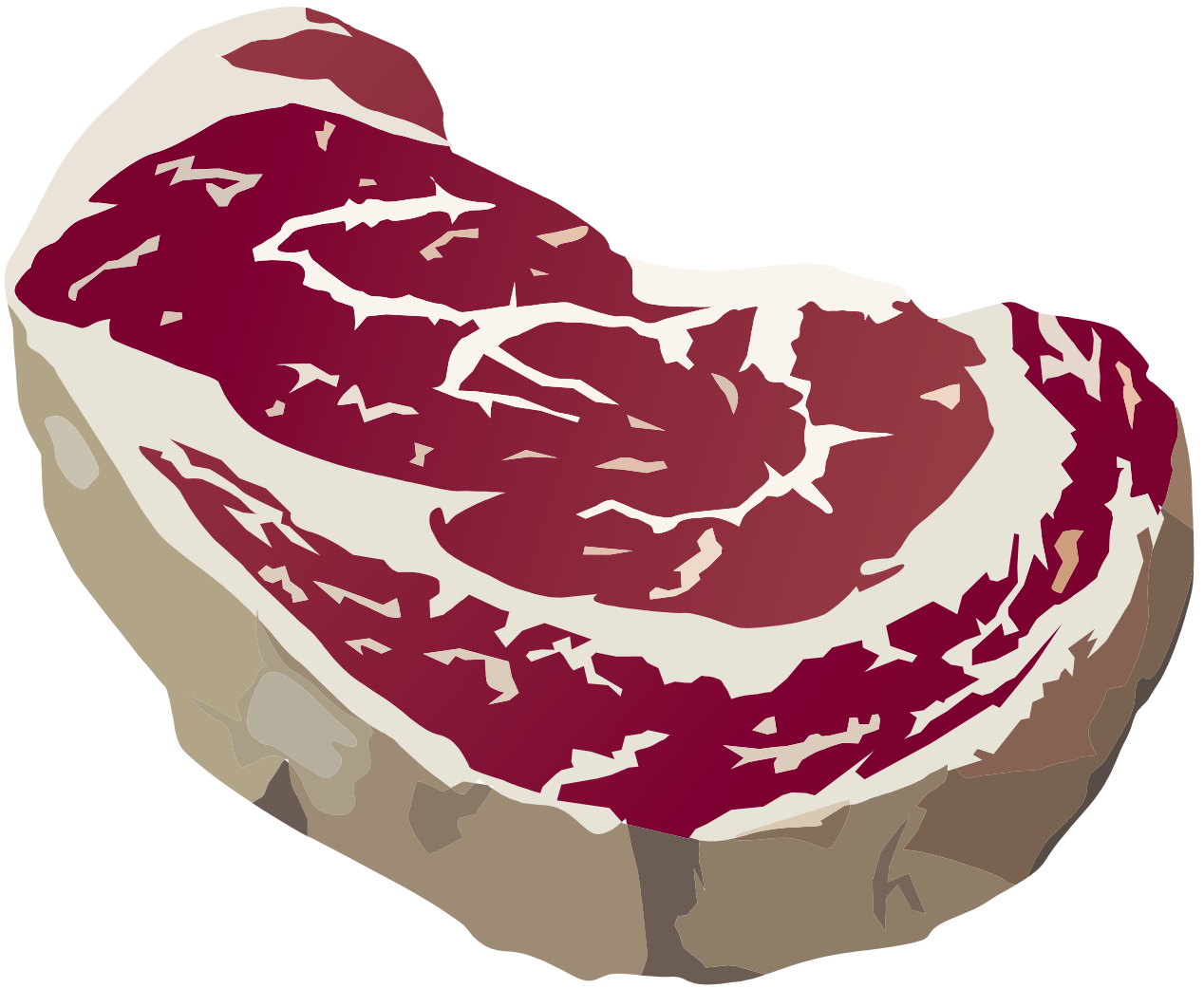
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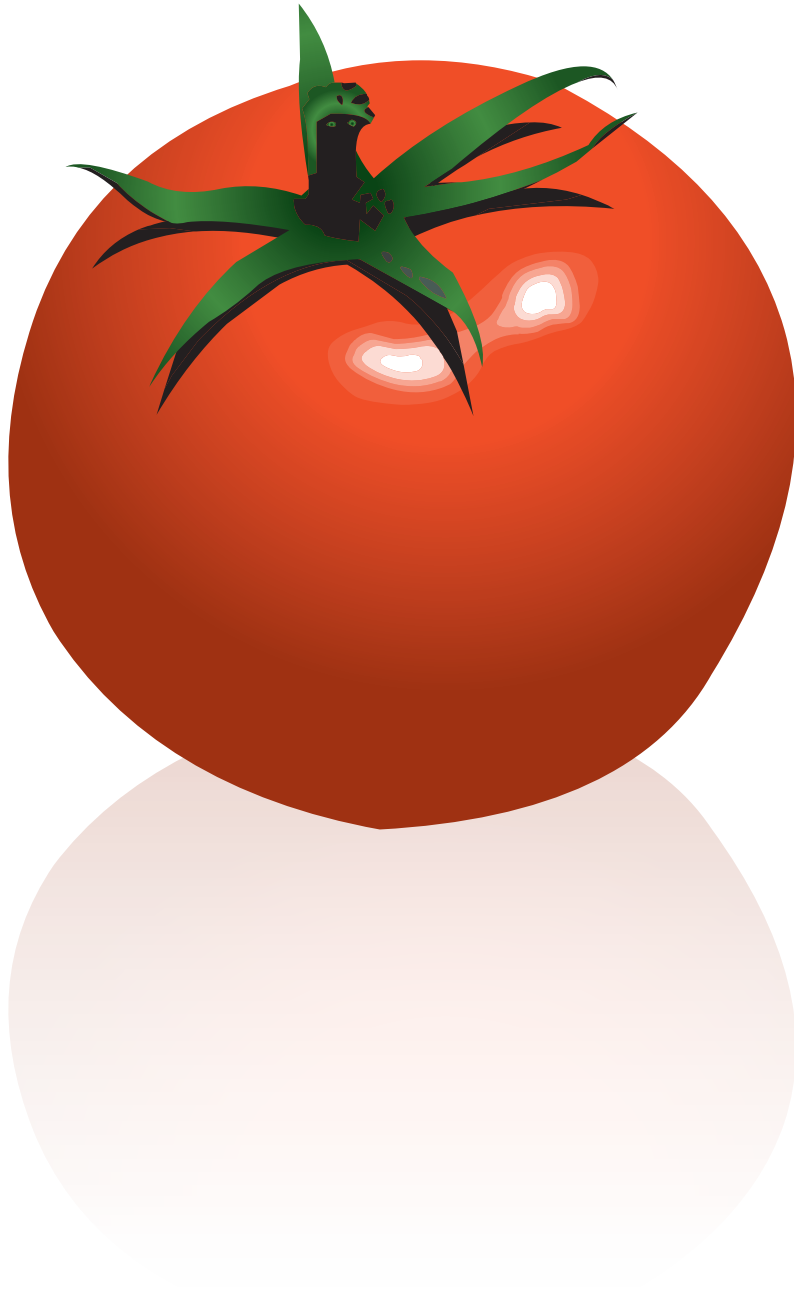
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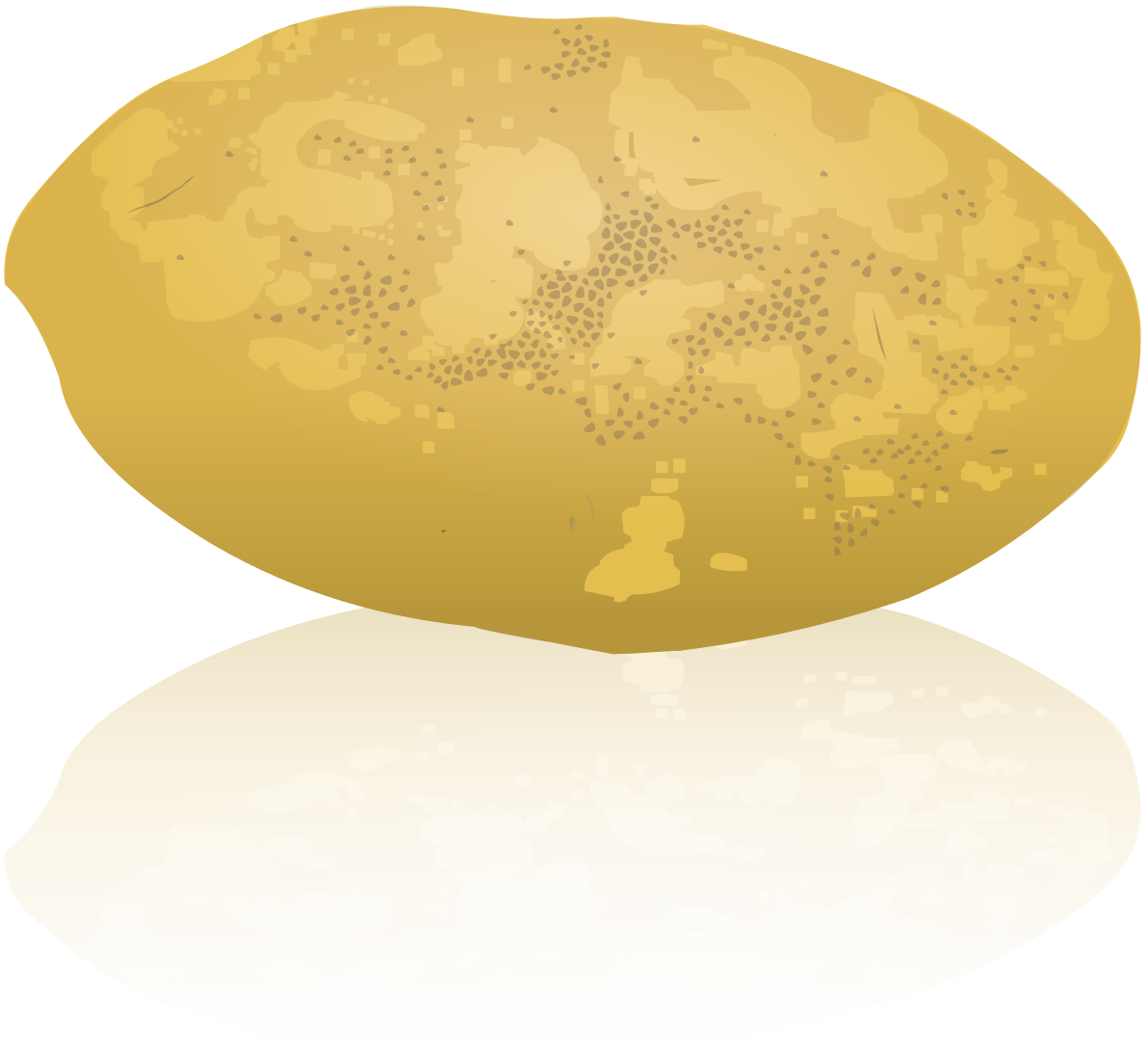
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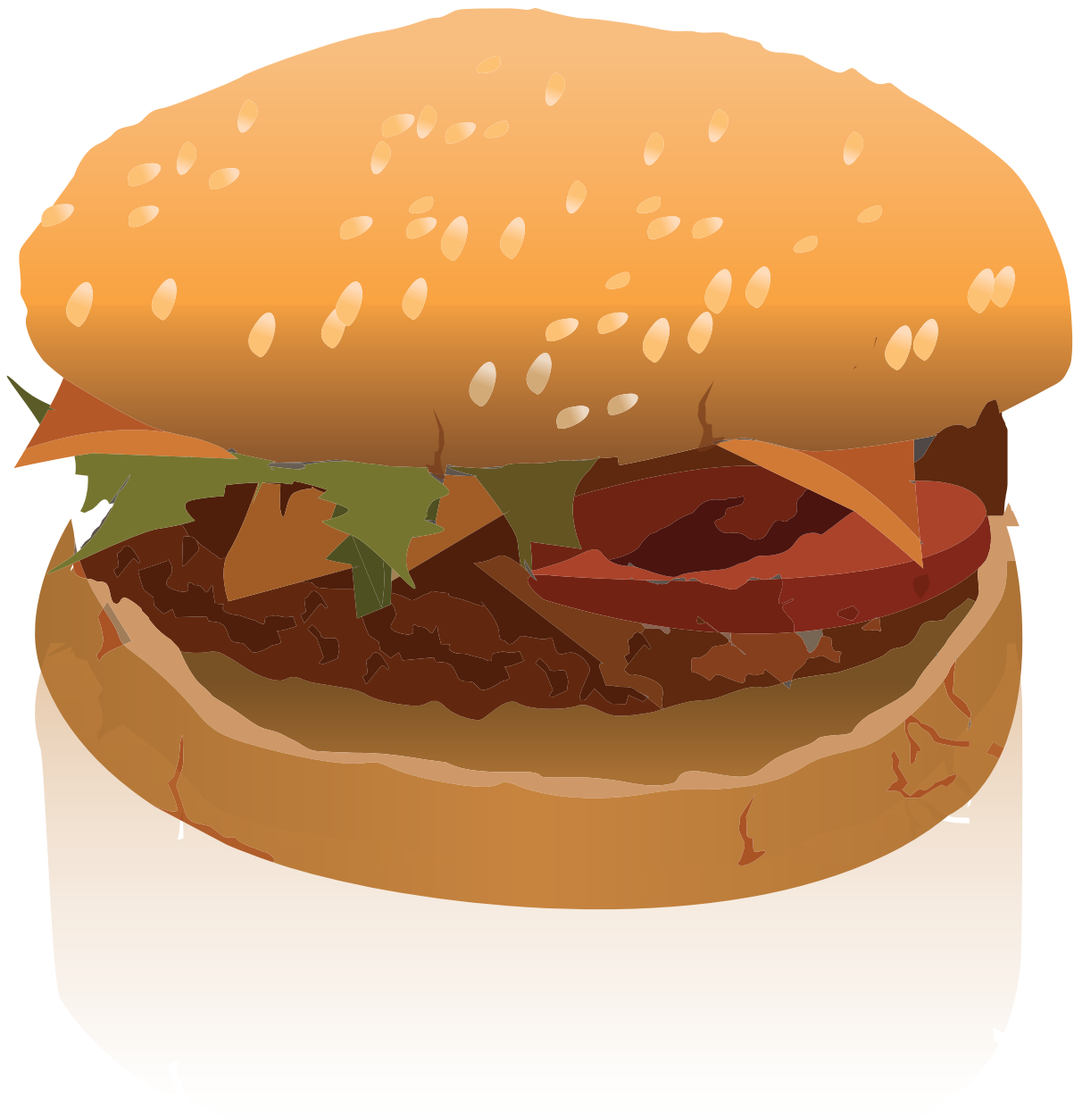
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How Much Water Answer Sheet

1. Slice of Bread: 40 Litres
2. Bag of Potato Chips: 185 Litres
3. Portion of Olives: 250 Litres
4. Beef Steak: 7000 Litres
5. Apple: 70 Litres
6. Cup of Tea: 35 Litres
7. Tomato: 13 Litres
8. Glass of Apple Juice: 190 Litres
9. Potato: 25 Litres
10. Serving of Lettuce: 13 Litres
11. Hamburger: 2400 Litres
12. Glass of Milk: 200 Litres
13. Cup of Coffee: 140 Litres
14. Egg: 135 Litres

Total: 10 726 Litres

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22 March 2012



Water and
Food Security

This is to Certify

that

has won first prize in the World Water Day 2012 Quiz



World Water Day 2012 is coordinated by the Food and Agriculture Organization of the United Nations

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