

Year 5 - Measurement

Week 4

Lesson 1 measurement -weight – problem solving

Challenge 1

Solve these calculations:

Show your answer in G.

a) $3.1\text{kg} + 250\text{g}$

b) $5.2\text{kg} + 370\text{g}$

c) $7.3\text{kg} + 120\text{g}$

Show your answer in KG.

d) $3.8\text{kg} - 480\text{g}$

e) $8.7\text{kg} - 190\text{g}$

f) $9.5\text{kg} - 7,280\text{g}$

Show your answer in G.

h) $7\text{kg} \times 4$

i) $8\text{kg} \times 6$

j) $5\text{kg} \times 12$

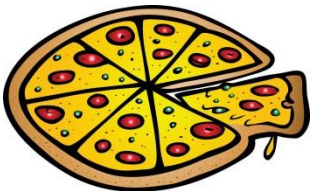
Show your answer in KG.

k) $2,608\text{g} \div 2$

l) $4,506\text{g} \div 2$

m) $3,120\text{g} \div 5$

Challenge 2



a) A large pizza weighs 2.45kg. James eats a 515g slice. In grams, how much pizza does James have left?

b) A chef is preparing a pizza for a customer. He has 0.08kg of dough and adds 125g more. In kg, how much dough does the chef have?

c) Mrs. Price eats 189g of pizza. Mr. Hunt eats six times as much. How many kg of pizza does Mr. Hunt eat?

d) 9.576kg of pizza is shared between seven friends. In grams, how much does each person get?

Challenge 3



- a) A portion of soup cooking on the fire weighs 5,354g **before** eight onions are added. Each onion weighs 0.04kg. In kg, how much does the soup weigh now the onions have been added?
- b) A portion of soup cooking on the fire weighs 3.975kg. The first portion taken weighs 0.84kg and the second portion taken weighs 1,027g. In grams, how much of the soup is left now?
- c) One pack of small vegetables weighs 18g. There are 8 packs in a bag. There are 24 bags of vegetables in a box. In kg, how heavy are all these vegetables?