

Numeracy Skills for Science Making Tables Level 3 - Answers

The Heart

Heart Chamber	Average wall thickness (mm)
Left Atrium	3
Right Atrium	2
Left Ventricle	18
Right Ventricle	4.5

Insects

Insect	Length (cm)	Continent
Driver Ant	3.5 cm	Africa
Long Horn Beetle	24 cm	South America
Robber Fly	6.5 cm	South America

Alluminium

Industry	Aluminium used (%)
Transport	26
Packaging	22
Construction	20
Electrical Engineering	9

Acids and Alkalis

Substance	Acid or Alkali	Chemical Formula
Sulphuric acid	<i>Acid</i>	H ₂ SO ₄
<i>Nitric Acid</i>	<i>Acid</i>	HNO ₃
<i>Hydrochloric Acid</i>	<i>Acid</i>	<i>HCl</i>
<i>Ammonia</i>	<i>Alkali</i>	NH ₃
<i>Sodium Hydroxide</i>	<i>Alkali</i>	NaOH
<i>Calcium Hydroxide</i>	<i>Alkali</i>	Ca(OH) ₂

Electrical Energy

Country	Electrical energy produced (billion kWh per year)
Germany	580
France	520
United Kingdom	370
Italy	280

Noise

Source of noise	Noise level (decibels - dB)
Aircraft Taking Off	140
Road Drill	110
Disco	100
Busy Traffic	70

Numeracy Skills for Science Making Tables Level 4 - Answers

Diseases

Disease	Cause	Way of Spread
Cholera	Bacterium	Infected Water
Mumps	Virus	Droplets In Air
Malaria	Parasite	Female Mosquitoes
Measles	Virus	Droplets In Air

Mountain Ecosystems

Habitat	Vegetation	Wildlife
Forrest	Plants, Trees	Grizzly Bear, Garter Snake, Owl
Grasslands and Streams	Grass, Leafs	Mountain Lion, Salamander, Goats
Mountain Tops	Fuzzy Lichen	Insects, Snow Fleas

Isotopes

Isotope	Radiation Given Out	Half Life (hours)
Radon 210	Alpha	2.4 hours
Sodium 24	Beta	5 hours
Lead 212	Beta	10.6 hours
Technetium - 99	Gamma	6 hours

Plastics

Plastic	Use
Polyvinylchloride (PVC)	Make Clothes
Polytetrafluoroethene (PTFE)	Coating On Saucepans
Polyethene	Plastic Bags
Polypropene	Washing Up Bowels

Hydroelectric Dams

Hydroelectric Dam	Number of Generators	Power (Megawatts - MW)
Grand Coulee	24	10800
Guri	20	10380
Tucurui	18	7960
Ertan	6	3300