

Crude oil

Before you answer the puzzles below fill in the table of fractions from crude oil using:

aeroplanes	diesel	engine oil	camping gas	roads
Fraction		Use		
refinery gases				
gasoline		cars		
naphtha		plastics, medicines and dyes		
kerosene		aeroplanes		
		lorries		
lubricating oil				
fuel oil		ships		
bitumen				

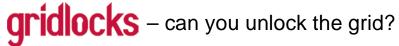
Gridlock 1

Each row, column and 2×2 box contains information about the first four fractions listed above. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

fraction		uses	
refinery gases			aeroplanes
	kerosene		
		gasoline	naphtha
uses		frac	tion







Gridlock 2

Each row, column and 2 x 2 box contains information about each of the last four fractions in the table.

fraction		uses	
lubricating oil			
		roads	
		diesel	
	ships		
uses		frac	tion

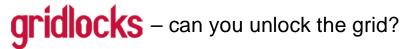
Gridlock 3

You will need to identify which four fractions are in this puzzle.

fraction		uses	
	bitumen		aeroplanes
			roads
cars			diesel
us	es	frac	tion







Crude oil - answers

Before you answer the puzzles below fill in the table of fractions from crude oil using:

aeroplanes diesel	engine oil camping gas roads		
Fraction	Use		
refinery gases	camping gas		
gasoline	cars		
naphtha	plastics, medicines and dyes		
kerosene	aeroplanes		
diesel	lorries		
lubricating oil	engine oil		
fuel oil	ships		
bitumen	roads		

Puzzle 1 - answers

Each row, column and 2×2 box contains information about the first four fractions listed above. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

fraction		uses	
refinery gases	gasoline	plastics, medicines and dyes	aeroplanes
naphtha	kerosene	camping gas	cars
cars	plastics, medicines and dyes	kerosene	refinery gases
aeroplanes	camping gas	gasoline	naphtha
uses		na	me





gridlocks – can you unlock the grid?

Puzzle 2 - answers

Each row, column and 2 x 2 box contains information about each of the last four fractions in the table.

fraction		uses	
lubricating oil	bitumen	ships	lorries
fuel oil	diesel	roads	engine oil
roads	engine oil	diesel	fuel oil
lorries	ships	lubricating oil	bitumen
uses		na	me

Puzzle 3 - answers

You will need to identify which four fractions are in this puzzle.

fraction		uses	
diesel	bitumen	cars	aeroplanes
kerosene	gasoline	lorries	roads
roads	lorries	kerosene	gasoline
cars	aeroplanes	bitumen	diesel
uses		na	me



