Port Glasgow High



Homework

S2

Bronze/Silver

Port Glasgow High School

S2 Homework 1 (Bronze/Silver)

No Calculator, Show working

1. Write down the first 4 multiples of 8
2. What is the lowest common multiple of 3 & 4?
3. 180 + 130
4. 925 – 431
5. 11 x 8
6. Write down the factors of 12
7. What is the highest common factor of 6 and 10?
8. (-6) x 3
9. Find 20% of 580
10. (a) 24 (b) 62 - 33

Port Glasgow High School

S2 Homework 2 (Bronze/Silver)

No Calculator, Show working

1. 56 ÷ 7
2. 82
3. How many 10p pieces should I get for £6.80
4. What is the lowest common multiple of 6 & 8?
5. List all of the prime numbers between 10 & 20
6. 3180 ÷ 60
8. What is the highest common factor of 20 & 24?
9. of £39.30
10. Solve 2x + 1 = 25

Port Glasgow High School

S2 Homework 3 (Bronze/Silver)

No Calculator, Show working

1. 72 ÷ 9
2. of 125g
3. Find 10% of 240

The picture shows a mixture of snacks made up of burgers and hotdogs. Use this to answer the following questions:

A picture containing footwear

Description automatically generatedA close up of sunglasses

Description automatically generated

1. What fraction of the snacks are burgers?
2. Can you simplify this fraction?
3. What fraction of the snacks are hot dogs?
4. 72 - 23
5. Find 5% of 6600
6. 12 x 11
7. Convert 80% into a fraction in its simplest form

Port Glasgow High School

S2 Homework 4 (Bronze/Silver)

No Calculator, Show working

1. What is the lowest common multiple of 6 & 12?
2. Find 70% of 240
3. What temperature is 8 degrees down from 2oC
4. A picture containing building, shoji

   Description automatically generated of £81
5. What fraction is shaded?
6. Simplify the fraction
8. (-5) – 8
9. Write as a percentage and decimal
10. Write down two fractions equivalent to

Port Glasgow High School

S2 Homework 5 (Bronze/Silver)

No Calculator, Show working

1. Write as a percentage and decimal
2. Calculate of £328
3. Simplify 6x + 5x
4. 8 x 7

A close up of a building

Description automatically generated

1. 23 x 40
2. What is the fraction that is shaded?
4. Write 5.45pm in 24 hour clock time
5. 112
6. What is the time difference between 0730 to

1115?

Port Glasgow High School

S2 Homework 6 (Bronze/Silver)

No Calculator, Show working

1. 40% of 180
2. 122 - 102
3. Write 1320 in 12 hour clock format

A close up of a logo

Description automatically generatedHere is a bus timetable from Edinburgh to Newcastle:

1. What time did the bus leave Edinburgh?

Answer in 12 hour clock format

1. How many minutes **before** 3pm did the bus

reach Galashiels?

1. The bus passed through Hawick 20 minutes

after Galashiels, what time was this?

1. Newcastle is half an hour away from Hexham,

what time does it arrive in Newcastle?

1. How long is the journey from Edinburgh to

Newcastle?

1. 2 x 3 + 4
2. 345 - 199

Port Glasgow High School

S2 Homework 7 (Bronze/Silver)

No Calculator, Show working

1. 296 + 738
2. £10 – £3.49
3. Write 1732 in 12 hour clock format
4. What is the time difference between 1020 to

1410?

1. Jack bought a guitar for £160 and sold it one year

later for £85. What was the loss he made?

1. 300 x 491

2. Mary buys sweets costing £8.46. What change will

she receive from £20 note?

1. How many degrees are between North and West?

A close up of a screen

Description automatically generated

1. What 3D shape would this net make?

Port Glasgow High School

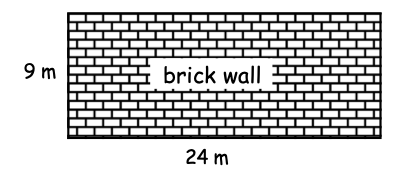
S2 Homework 8 (Bronze/Silver)

No Calculator, Show working

1. Find 30% of £450
2. What temperature is 5 degrees below -20C
3. What change would I get from £10 if I spent £1.55?
4. I face North West. I turn 90° clockwise. What

direction am I now facing?

1. Simplify 3y + 12y
2. 233 + 129
3. (-7) x 3
4. Find of £63
5. Make a scale drawing of the wall using 1cm = 3m



1. On a map two aeroplanes are 4.5cm apart.

The scale on the map is 1cm = 20km.

Find the real distance between the areophane’s.

