



Year 9F Maths Summer Homework

Name:

Maths Teacher:

Due date:

Homework Sheet 1	Week Beginning 23 rd July
1: Which metric unit would you use to measure the height of a door?	
2: Factorise $2a + 6$	
3: Calculate the value of $7 + (-4)$	
4: Calculate $0.26 + 0.89 - 1.047$	
5: Work out $\frac{1}{4} \times 84$	
6: Calculate $\frac{1}{4} + \frac{2}{3}$	
7: Convert 0.5 to a fraction	
8: Simplify $a + a + a + a + a$	
9: Find the value of $3a$ when $a = 7$	
10: Expand $3(a + 4)$	
Mark:	Effort:

Homework Sheet 2	Week Beginning 30 th July
1: Which imperial unit would you use to measure the height of a door?	
2: Factorise $10b + 5$	
3: Work out $10 + 9 \times 7 - 4$	
4: Calculate 7×0.78	
5: Convert $3\frac{1}{4}$ to an improper fraction	
6: Calculate $\frac{7}{9} - \frac{5}{12}$	
7: Convert $\frac{1}{4}$ to a decimal	
8: Simplify $4 \times b$	
9: Find the value of $\frac{b}{4}$ when $b = 30$	
10: Expand $3(4 + b)$	
Mark:	Effort:

Homework Sheet 3	Week Beginning 6 th August
1: Which metric unit would you use to measure the length of a pencil?	
2: Factorise $7c + 21d$	
3: You are given the $47 + 65 = 112$. Complete these calculations. - = 47 - = 65	
4: Work out the value of $6.76 \div 13$	
5: Convert $\frac{5}{3}$ to a mixed number.	
6: Calculate $\frac{3}{4} \times \frac{6}{7}$	
7: Convert 0.75 to a fraction.	
8: Simplify $c + c + c + c + d + d + d$	
9: Find the value of $3c + 5d$ when $c = 2$ and $d = 5$	
10: Expand $5(2c + d)$	
Mark:	

Homework Sheet 4	Week Beginning 13 th August
1: Which imperial unit would you use to measure the length of a pencil?	
2: Factorise $12d + 8$	
3: Work out the value of $-9 - (-5)$	
4: Work out $3.2 + 0.87 - 1.38$	
5: Calculate $\frac{2}{5}$ of 35	
6: Calculate $\frac{4}{5} \div \frac{2}{11}$	
7: Convert $\frac{1}{3}$ to a decimal	
8: Simplify $3 \times d \times 5$	
9: Find the value of d^2 when $d = 4$	
10: Expand $6(3d - 7)$	
Mark:	

Homework Sheet 5	Week Beginning 20 th August
1: Which metric unit would you use to measure the weight of a washing machine?	
2: Factorise $8e - 20$	
3: Work out $12 - 25 \div 5 \times 2$	
4: Work out 23×8.4	
5: Convert $2\frac{5}{6}$ to an improper fraction	
6: Calculate $\frac{3}{8} + \frac{5}{28}$	
7: Convert $0.\dot{6}$ to a fraction	
8: Simplify $5e + 4f + 2f + 6e$	
9: Find the value of $5e - 3f$ when $e = 4$ and $f = 6$	
10: Find the value of $8(2e - 7f)$	
Mark:	

Homework Sheet 6	Week Beginning 27 th August
1: Which imperial unit would you use to measure the weight of a washing machine?	
2 Factorise $15g - 10h$	
3: You are given that $317 - 169 = 148$. Complete these calculations. + = 317 - = 169	
4: Work out $8.32 \div 8$	
5: Convert $\frac{19}{7}$ to a mixed number	
6: Calculate $\frac{11}{12} - \frac{4}{9}$	
7: Convert $\frac{1}{5}$ to a decimal.	
8: Simplify $5 \times g \times h$	
9: Find the value of $6g - h^2$ when $g = 5$ and $h = 5$	
10: Expand $9(g - 4h)$	
Mark:	

Question	Topic	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
1	Measure						
2	Factorising						
3	BIDMAS						
4	Multiplying and dividing decimals						
5	Converting fractions						
6	Fractions						
7	Fractions to Decimals						
8	Collecting like terms						
9	Substitution						
10	Expanding						