

Level 5 Revision – Sheet 1

Answers only in the space provided.

Working need not be shown but any you do, must be done neatly on the reverse side of this sheet.

Name		Form	
	Mark:		out of 10
		Answer	
1	$12 + 3 \frac{7}{10}$		
2	of 126 cm		
3	12% of £360		
4	Divide 5876 by 13 without a calculator		
5	Multiply 237 by 14 without a calculator		
6	$(-7) + (-9)$		
7	Put these numbers in order of size: (-5) , (-9) , (-3)		
8	Estimate the answers to 409 divided by 9.9		
9	Simplify the fraction twenty fortieths		
10	Which fraction is bigger: ?		
11	If 12 pens cost £6, how much would 11 pens cost?		
12	Simplify the ratio 3:6		
13	Write down the next 2 triangular numbers: 1, 3, 6, 10		
14	Use a calculator to find $2.3 \div 3.9$		
15	Use a calculator to find		
16	How many decimal places does the number 3.321 have?		
17	Convert $\frac{1}{2}$ to a top heavy fraction		
18	Convert $1\frac{1}{2}$ to a mixed number		
19	12.34×1000		
20	12.34 divided by		

Level 5 Revision – Sheet 2

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Name		Form	
	Mark:		out of 10
		Answer	
1	Find 2.3×3.7 without a calculator		
2	Find $4.5 \div 1.5$ without a calculator		
3	Find $\frac{3}{13}$ of £351 without a calculator		
4	Find 12.35×12 without a calculator		
5	Find $5472 \div 1.2$ without a calculator		
6	How many decimal places does the number 12.8435 have?		
7	Expand $2(3a - 5b)$		
8	Expand $w(w + 3m)$		
9	The Total cost of sweets (T) is given by the number of sweets (n) times by the price of a sweet (p). Write this as a formula.		
10	Solve $3d + 7 = 22$		
11	Solve $17 = 5f - 3$		
12	Solve $2(g + 3) = 16$		
13	Simplify $12w + 13w - 5w$		
14	Simplify $8a - 4n - 6a + 7n$		
15	Simplify $3(4h + 7) - 10h$		
16	If $u = 4$ and $k = 7$ find the value of $ku - k$		
17	If $r = 3$ and $g = 14$, find the value of $r(g - 2)$		
18	Find the value of T if $T = 4n - 3$ given that $n = 7$.		
19	What is the name of triangle in which only 2 sides are the same length.		
20	In a triangle, two of the angles are 67 and 78. How big is the third angle?		

Level 5 Revision – Sheet 3

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Name		Form	
	Mark:		out of 10
		Answer	
1	In an isosceles triangle, 1 of the base angles is 40 degrees. How big are the other two angles?		
2	In an isosceles triangle, the top angle is 50 degrees. How big is each of the base angles?		
3	In a triangle, one of the angles is 90 degrees and two of the sides are equal to each other. What is the correct name of this shape?		
4	A rectangle measures 12cm by 24cm. What is its area?		
5	A rectangle measures 60mm by 10cm. What is its area in cm^2 .		
6	What is the order of rotation of a rectangle?		
7	What is the order of rotation of a regular pentagon?		
8	Does a capital letter T have rotational symmetry?		
9	Does a capital letter S have rotational symmetry?		
10	Does a capital letter H have line symmetry?		
11	Write a capital letter that has 2 lines of symmetry.		
12	Convert 2300 ml to litres.		
13	Convert 3700 cm^3 to litres.		
14	1 litre is roughly how many pints?		
15	1kg is roughly how many pounds?		
16	In a right angled triangle, the sides are 6cm, 8cm and 10cm. Calculate the area.		
17	Calculate the perimeter of the triangle in Q17.		
18	Do equilateral triangles tessellate?		
19	Convert 10cm^2 to mm^2 .		
20	Convert 10cm^3 to mm^3 .		

Level 5 Revision – Sheet 4

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Name		Form	
	Mark:		out of 10
		Answer	
1	Convert 2m^2 to cm^2 .		
2	Convert 2m^3 to cm^3 .		
3	Find the median of 2,2,2,3,3,3,3,4,4,4,5		
4	Find the median of 3,3,3,3,7,7,12,12,12,15,15,17		
5	Find the mean of the numbers in Q3.		
6	Find the mean of the numbers in Q4.		
7	Find the mode of the numbers in Q4		
8	Find the mode of the numbers in Q3.		
9	For breakfast I only drink tea, coffee or water. If the probability that I drink tea is 0.35 and the probability that I drink coffee is 0.45, what is the probability that I will drink water?		
10	A list of numbers has two 3's, five 7's, four 10's and three 15's. Find the median.		
11	Find the mode of the numbers in Q10.		
12	Find the range of the numbers in Q10.		
13	Find the mean of the numbers in Q10.		
14	The area of a rectangle is 36cm^2 . The base of the rectangle is 9cm. How long is the height ?		
15	The area of a square is 144mm^2 . How long is one side?		
16	What is the perimeter of the rectangle in Q14		
17	What is the perimeter of the square in Q15		
18	What is the order of rotation of the shape in Q14		
19	How many lines of symmetry does the shape in Q15 have?		
20	Simplify $21w - 9m - 17w + 13m$		

Level 5 Revision – Sheet 5

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Name		Form	
	Mark:		out of 10
		Answer	
1	$3 \times 4 - 25 \div 5$		
2	Find 3.7×4.8 without a calculator		
3	Find 22% of 480		
4	Find $\frac{5}{9}$ of 162		
5	Multiply 369 by 42 without a calculator		
6	Find $812 \div 1.4$		
7	Put these numbers in order of size: -8, 4, -10, 5.		
8	Expand $3(5f - 6g)$		
9	Simplify $\frac{36}{48}$		
10	The number of legs of furniture (L) in a room is given by the number of tables (t) times 4 plus the number of chairs (c) times 3. Write this as a formula.		
11	If 7 books cost £34.93, find the cost of 9 books.		
12	Solve $13 = 4t - 7$		
13	Write down a triangular number between 10 and 20.		
14	Simplify $13f + 4g - 7f + 10g$		
15	Use a calculator to find $2^4 + 3^2$		
16	Simplify $5r + 7(2r + 3d)$		
17	Convert to a mixed number		
18	Find the value of T when $T = 4t + 6h$, $t = 5$ and $h = 3$		
19	34.567×100		
20	What is the name of a triangle in which 2 angles are the same size?		

Level 5 Revision – Sheet 6

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Name		Form	
	Mark:		out of 10
		Answer	
1	In an isosceles triangle, the top angle is 40 degrees, how big is each base angle?		
2	Simplify $3am - 5an + 6ma + 12an$		
3	What is the order of rotation of a regular octagon?		
4	Find the mode of 21, 23, 20, 21, 27		
5	Convert 1200cm^3 to litres		
6	What is the order of rotation of the shape in Q3?		
7	Do pentagons tessellate?		
8	If the probability that it rains tomorrow is $\frac{2}{13}$, what is the probability that it will NOT rain tomorrow?		
9	Find 3.1×7 without a calculator		
10	Solve $7 = 3x - 5$		
11	Simplify $2(3a - 4) + 5(2a - 1)$		
12	5 litres is roughly how many pints?		
13	In a rectangle the sides are 12cm and 17cm. Find the area.		
14	A triangle has the same area as the rectangle is Q13 and has a base of 12cm. How tall is the triangle.		
15	Solve $18 = 3(2m - 4)$		
16	How many decimal places does the number 123.321 have?		
17	How many decimal places would the answer to 1.2×1000 have?		

18	Find $3 \times 7 - 4 \times 2$, without using a calculator.		
19	Find $5 + 3(17-12)$, without using a calculator.		
20	What is the size of one interior angle of an equilateral triangle?		

Level 5 Revision – Sheet 7

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Name		Form	
	Mark:		out of 10
		Answer	
1	How many cm is 3.3 metres?		
2	Simplify the fraction $\frac{4}{16}$		
3	Find the median of the numbers 21, 23, 20, 21, 27		
4	The number 17 is added to the list numbers in Q3. Find the mean of these 6 numbers.		
5	Simplify		
6	Expand $3a(2b + 3c)$		
7	Write down the next triangular number after 10.		
8	Write down the prime numbers between 20 and 30.		
9	What is the name of a triangle which has all three angles different?		
10	What is the name of a triangle which has all three angles the same?		
11	Solve $2d + 7 + 4d = 13$		
12	Write down the square numbers between 30 and 40.		
13	If $g = 5$, what is the value of		
14	Each school minibus can take 10 pupils and 2 teachers. If 7 school minibuses went on a trip together with three cars each carrying 2 pupils and 2 teachers, how many pupils and how		

	many teachers went on the trip?		
15	The base of a triangle is 12cm and the height is 8cm. What is the area?		
16	Find 7 tenths of 350.		
17	What is the probability of a dice landing on the number 5 or 6?		
18	How many ml is 23 litres?		
19	If $h = 3$ and $k = 7$ find the value of $7h - 3k$.		
20	$2m^2$ is how many cm^2 ?		