Maths Key Skills

A: Number & AlgebraB: Algebra, Proportion, Geometry & MeasureC: Statistics & Probability1. Work out: 0.8 + 0.028:11.1. Expand & simplify: $(2d - 1)^2$ 8:16C: Statistics & Probability2. Write 30 as the product of its prime factors.8:11.2. The ratio of adults : students on a trip is 14. What proportion of the group on the trip are students?8:17C: Statistics & Probability3. Estimate by rounding to 1sf an answer to: 6. 14 + 0.498:313. To make pink paint, Annie needs 1 tin of red and 3 tins of white. Describe the relationship between the 2 colours.8:18 22. Of 28 students 16 were bays. 3 boys and 5 gifs were glasses. Find the probability that a student chosen will be a girl & does not wear glasses?8:275. Factorise: 8. * 128:415. A vehicle travelled 56km/h. What was the speed in mph? (Rem==miles)8:20 (Rem==miles)6. Simplify: $y^2 + y^2 + y^2$ 8:716. What is the size of one of the exterior angles of a pentagon?8:277. Make 'b' the subject of the formula $a = b - c$ 8:4013. Work out the area of a circle with radius 5cm in terms of π .8:279. What is the gradient of the graph with the equation: $y = 5x + 8$ 8:4019. Describe the transformation B to A Res8:279. What is the gradient of the graph with the equation: $y = 5x + 8$ 8:4219. Describe the transformation B to A Res8:2610. Give the nth term of the sequence 3 & 8 13 18 238:4312. Describe the transformation B to A Res8:2710. Give the nth term of the sequence 3 & 8 13 18 23			- .				
1. Work out: 0.8 + 0.02\$111. Expand & simplify: (2d - 1)?82621. The probabilities of getting each colour on a spinner are shown below. Find x2. Write 30 as the product of its prime factors.8212. The ratio of adults : students on a trip is 1:4. What proportion of the group on the trip are students?8:17 $\boxed{Red & Blue Green & Yellow}{0.32 & 0.08 & x & 0.15}$ 8:273. Estimate by rounding to 1sf an answer to: 6.14 ± 0.49 8:313. To make pink paint, Annie needs 1 the relationship between the 2 colours.8:3822. Of 28 students 16 were boys. 3 boys and 5 gits wear glasses. Find the probability that a student chosen will be a girl & does not wear glasses?8:274. Evaluate: $\sqrt[7]{2187}$ 8:414. A bike bought for f100 was sold for (8:m=Smiles)8:308:305. Factorise: (8. Simplify: $y^2 + y^2 + y^2$ 8:716. Avehicle travelled 56km/h. What was the speed in mph? (8km=Smiles)8:308:306. Simplify: (9. What is the size of one of the exterior angles of a pentagon?8:278:2723. A dice is thrown twice. Write down the ways of obtaining a total score of 68:287. Make for the subject of the formula a = b - c8:817. Work out the area of a circle with radius Scm in terms of π .8:2724. What is the modal class interval? a = 0 - c8:279. What is the gradient of the graph with the equation: y = 5x + 88:1719. Describe the transformation B to A long is the real boal is inside to a scale 1:20. H model boat is 15cm long. How long is the real boal is 15cm long. How long is the real boal is 15cm long. How long is t	Name:				Class/Group:		
1. How kut: 0.8 ± 0.021.1. Lepting & simplify (Lt '1)1.1. Lepting (Lt '1)1.1. Lepting (Lt '1)2. Write 30 as the product of its prime factors.8.21.2. The ratio of adults : students on a trip is 13. What proportion of the group on the trip are students?8.11.1. The ratio of adults : students on a trip is 13. What proportion of the group on the trip are students?8.11.1. The ratio of adults : students on a trip is 13. What proportion of the group on the trip are students?8.11.1. The ratio of adults : students on a trip is 13. What proportion of the group on the trip are students?8.11.1. The ratio of adults : students on a trip is 13. No make pink paint, Annie needs 1 the relationship between the 2 colours.8.18.122. Of 28 students 16 were boys. 3 boys and 5 student chosen will be a girl & does not wear glasses?8.274. Evaluate: $\sqrt{2187}$ 8.41.4. A bike bought for £100 was sold for 20% less. Complete the multiplication 20% less. Complete the multiplication sum to find the selling price?8.19 100 x moments23. A dice is thrown twice. Write down the ways of obtaining a total score of 68.285. Factorise:8x - 128.615. Work out the area of a circle with radius 5 cm in terms of π.8.218.216. Simplify: $\gamma' + \gamma' + \gamma' + \gamma'$ 8.718. Work out the area of a circle with radius 5 cm in terms of π.8.2124. What is the gradient of the graph the subject of the formula a = b - c8.2118. Work out the area of a circle with radius 5 cm in terms of π.8.2324. What is the modal class interval?8.299. What is the gra	A: Number & Algebra		B: Algebra, Proportion, Geometry & Measure		C: Statistics & Probability		
2. The following to back the product of he prime factors.8.2. The following to the prime trip is 14. What proportion of the group on the trip are students? $\frac{1}{14.}$ What proportion of the group on the trip are students? $\frac{1}{10.0}$ With		8:1	11. Expand & simplify: (2d - 1) ²	8:16	-		8:26
In struct by answer to: 6.14 ± 0.49In of red and 3 tins of white. Describe the relationship between the 2 colours. Subset for 100 was sold for 20% less. Complete the multiplication sum to find the selling price?8.19 100 x sum to find the selling price?In of red and 3 tins of white. Describe the relationship between the 2 colours.8.19 100 x sum to find the selling price?In of red and 3 tins of white. Describe the relationship between the 2 colours.8.19 100 x sum to find the selling price?In of red and 3 tins of white. Describe the relationship between the 2 colours.In of red and 3 tins of white. Describe student chosen will be a girl & does not wear glasses?In of red and 3 tins of white. Describe student chosen will be a girl & does not wear glasses?In of red and 3 tins of white. Describe student chosen will be a girl & does not wear glasses?In of red and 3 tins of white. Describe student chosen will be a girl & does not wear glasses?In of red and 3 tins of white. Describe student chosen will be a girl & does not wear glasses?In of the second wear glasses?<		8:2	trip is 1:4. What proportion of the grou				
4. Evaluate: $\sqrt{2187}$ 100 k out find to split the multiplication sum to find the selling price?100 k out the multiplication sum to find the selling price?100 k out the speed in mph?8.2023. A dice is thrown twice. Write down the ways of obtaining a total score of 68.205. Factorise:8x - 128.615. A vehicle travelled 56km/h. What was the speed in mph? (8km=5miles)8.2023. A dice is thrown twice. Write down the ways of obtaining a total score of 68.206. Simplify: $y^2 + y^2 + y^2$ 8.716. What is the size of one of the exterior angles of a pentagon?8.2124. What is the modal class interval?8.297. Make 'b' the subject of the formula a = b - c8.317. Work out the area of a circle with radius 5cm in terms of π .8.218.2224. What is the modal class interval?8.298. Solve:3(x + 1) = x + 88.1018. Work out the volume of this prism. Inc.8.238.238.2319. Describe the transformation B to A8.2425. Indicate on the graph where you could interpolate8.309. What is the gradient of the graph with the equation: $y = 5x + 8$ 8.1520. A model boat is made to a scale 1.20. The model boat is 15cm long. How long is the real boat?8.2525. Indicate on the graph with out and a daw of a	answer to:		tin of red and 3 tins of white. Describe the relationship between the 2 colours		girls wear glasses. Fir student chosen will b	8:27	
Solution Set of A 22Solution A venice diverse down in which we down the ways what was the speed in mph? (8km=5miles)Solution a three down the ways of obtaining a total score of 66. Simplify: $y^2 + y^2 + y^2$ 8.716. What is the size of one of the 	4. Evaluate: $\sqrt[7]{2187}$	8:4	20% less. Complete the multiplication	100 x	glasses?		
D. Simplify: Y + YIntermediate of the exterior angles of a pentagon?7. Make 'b' the subject of the formula $a = b - c$ 8:817. Work out the area of a circle with radius 5cm in terms of π .8:2224. What is the modal class interval? $\frac{15.5}{2}$ $\frac{6:10}{5}$ $\frac{11.5}{11.5}$ $\frac{9.}{16:20}$ 8:239. What is the gradient of the graph with the equation: $y = 5x + 8$ 8:1219. Describe the transformation B to A B 8:2425. Indicate on the graph where you could interpolate $\frac{12.5}{11.5}$ $\frac{9.}{16:20}$ 8:1520. A model boat is made to a scale $1:20$. The model boat is 15cm long. How long is the real boat?8:2525. Indicate on the graph where you could interpolate $\frac{10.5}{10}$ <	5. Factorise: 8x - 12	8:6	What was the speed in mph?	8:20	23. A dice is thrown twice. White down the ways		
1.1. When both the state of a child with a = b - c2.1. When both the formula a = b - c2.1. When both the formula a = b - c8. Solve: $3(x + 1) = x + 8$ 8:1018. Work out the volume of this prism. 11cm8:23 $\frac{5:23}{6:10}$ $\frac{5:23}{11:15}$ $\frac{5:23}{16:20}$ 9. What is the gradient of the graph with the equation: $y = 5x + 8$ 8:1219. Describe the transformation B to A B8:2425. Indicate on the graph where you could interpolate $\frac{5:24}{10}$ $\frac{5:24}{10}$ 25. Indicate on the graph where you could interpolate $\frac{5:30}{10}$ $\frac{5:30}{10}$ 10. Give the nth term of the sequence 3 8 13 18 238:1520. A model boat is made to a scale 1:20. The model boat is 15Cm long. How long is the real boat? $8:25$ $\frac{8:25}{10}$ $\frac{5:20}{10}$ $\frac{5:30}{10}$ Total (A)	6. Simplify: $y^2 + y^2 + y^2$	8:7		8:21			
8. Solve: $3(x+1) = x + 8$ 8.12 18. Work out the volume of this prism. 11.115 9 9. What is the gradient of the graph with the equation: $y = 5x + 8$ 8.12 19. Describe the transformation B to A 8.24 25. Indicate on the graph where you could interpolate 8.30 10. Give the nth term of the sequence 3 8 13 18 23 8.15 20. A model boat is made to a scale 8.25 19. Describe the real boat? 8.25 10. Give the nth term of the sequence 8.15 20. A model boat is 15cm long. How long is the real boat? 8.25 10. Give the nth term of the sequence 8.15 20. A model boat is 15cm long. How long is the real boat? 8.25 10. Give the nth term of the sequence 8.15 20. A model boat is 15cm long. How long is the real boat? 8.25 10. Give the nth term of the sequence 11.20. The model boat is 15cm long. How long is the real boat? 10. Give the nth term of the sequence 11.20. The model boat is 15cm long. How long is the real boat? 10. Give the nth term of the sequence 10. Give the real boat? 10. Give	-	8:8		8:22	Score 1-5	e Frequency 2	8:29
with the equation: $y = 5x + 8$ 10. Give the nth term of the sequence 3 8 13 18 23 Total (A) Total (B) 13. Describe the transformation b to A 14. Describe the transformation b to A 15. Describe the transformation b to A 16. Bescribe the transformation b to A 17. Describe the transformation b to A 18. Describe the transformation b to A 18. Describe the transformation b to A 10. Give the nth term of the sequence 3 8 13 18 23 Total (A) Total (B) 13. Holdate of the graph where you could interpolate 14. Describe the transformation b to A 18. Describe the transformation b to A 19. Describe the transformation b to A 10. Give the nth term of the sequence 3 8 13 18 23	8. Solve: 3(x +1) = x + 8	8:10	11cm	8:23	11-15 9		
3 8 13 18 23 1:20. The model boat is 15cm long. How long is the real boat? 1:20. The model boat is 15cm long. How long is the real boat? 100 Total (A) Total (B) Total (C)		8:12		8:24	Scatter graph showing height of candle and time of burning		8:30
	•	8:15	1:20. The model boat is 15cm long. Ho		0 100 200 300		
	Total (A)		Total (B)	Total (C)			
Test Total (A+B+C) R (0-9) Y (10-19) G (20-25)	Test Total (A+B+C)		R (0-9)	Υ ((10-19)	G (20-25)	