Maths Key Skills   Stage 6: Skill Check 10 <u>**Answers**</u>
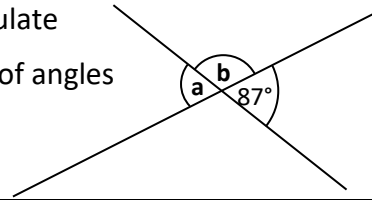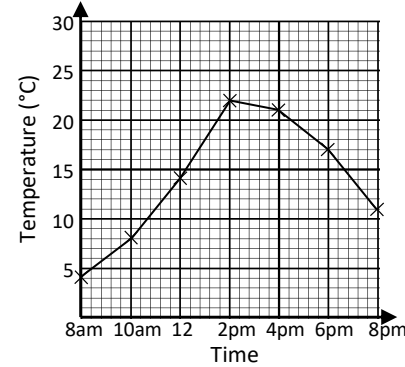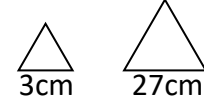
Name: _____   Date: _____   Class/Group: _____

A: Place Value, Add, Subtract, Multiply and Divide		B: Fractions, Ratio, Proportion and Algebra		C: Measure and Problem Solving	
1. Write **six million, four hundred and twenty thousand, and thirty** in digits.	6:1 **6,420,030**	11. Which is the **largest** fraction? $\frac{5}{9}$, $\frac{17}{27}$ or $\frac{27}{54}$	6:7 $\frac{17}{27}$	21. Name the shape: "I have 1 pair of unequal parallel sides."	6:24 **Trapez-ium**
2. What is the value of the **6** in this number? 3,954,682	6:1 **600**	12. $\frac{1}{7} + \frac{1}{9} =$	6:8 $\frac{16}{63}$	22. The **radius** of a circle is 9.5cm. How long is the **diameter**?	6:25 **19cm**
3. Round **8,523,912** to the nearest **thousand**.	6:1 **8,524,000**	13. Simplify your answer. $\frac{2}{9} \times \frac{3}{4} =$	6:9 $\frac{1}{6}$	23. Calculate the size of angles **a** and **b**.	6:26 **a=87° b=93°**
4. To a number I add 12 then subtract 20 and get -4. What did I start with?	6:2 **4**	14. 3.12 ÷ 10	6:10 **0.312**		
5. 1,922 x 48	6:3 **92,256**	15. 3.97 x 8	6:11 **31.76**	24. Line graph showing temperatures at different times over a day:	6:29 **Temp increases from 8am until it peaks at 2pm, then it decreases to 8pm.**
6. Give your answer to the **nearest whole number**: 4,453 ÷ 15	6:3 **297**	16. Write this fraction as a **decimal** and a **percentage**. $\frac{1}{4}$	6:12 **0.25, 25%**		
7. Which is a **common multiple** of 20 and 30? 60 40 15 10 4	6:4 **60**	17. Find **80%** of 90.	6:13 **72**		
8. Circle **all** the **prime numbers**: 85 89 97 99	6:4 **89, 97**	18. What is the **scale factor**? 3cm 27cm	6:14 **9**		
9. 28 ÷ (8 + 6) x 7	6:5 **14**	19. How long does a 7kg chicken take? To cook: 1 hour + 25mins per kg.	6:15 **3h 55m**	Describe how the temperature changed over the course of the day.	
10. How much cheaper is a meal? Burger £1.89 Fries £1.09 Meal £2.50	6:6 **48p**	20. What is the rule for this sequence? 5, 11, 23, 47, 95, …	6:16 **x2 +1**	25. Find the mean of these numbers: 23 27 20 18 22	6:30 **22**
Total (A)		Total (B)		Total (C)	
Test Total (A+B+C)		R (0-9)		Y (10-19)		G (20-25)	