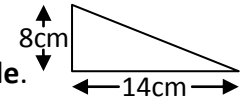
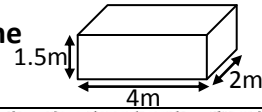
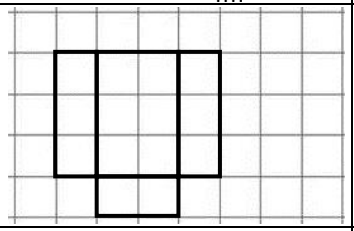
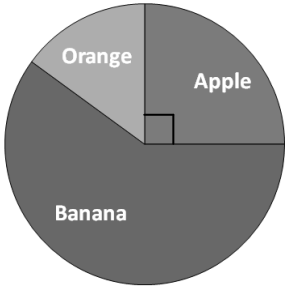
Maths Key Skills Stage 6: Skill Check 3

Name: _____ **Date:** _____ **Class/Group:** _____

A: Place Value, Add, Subtract, Multiply and Divide		B: Fractions, Ratio, Proportion and Algebra		C: Measure, Geometry and Statistics	
1. Write **four million, twenty two thousand, and sixteen** in digits.	*6:1*	11. Which is the **smallest** fraction? $\frac{4}{5}$, $\frac{7}{10}$ or $\frac{17}{20}$	*6:7*	21. Calculate the **area** of this **triangle**. 	*6:21*
2. What is the value of the **4** in this number? 1,384,721	*6:1*	12. $\frac{7}{10} - \frac{9}{15} =$	*6:8*	22. Find the **volume** of this **cuboid**. 	*6:22*
3. Round 7.186 to 1 decimal place.	*6:1*	13. Simplify your answer. $\frac{3}{5} \times \frac{1}{6} =$	*6:9*	23. Complete this net of a cuboid. 	*6:23*
4. What is the largest possible length? Length: 12.5cm (to 1 decimal place)	*6:2*	14. 257.3 ÷ 100	*6:10*		
5. 1,275 x 22	*6:3*	15. 3.48 x 6	*6:11*	24. 80 students were asked what their favourite fruit was. The results are shown in this Pie Chart.  How many students said that apples were their favourite fruit?	*6:29*
6. Give the answer as a **mixed number**: 1,626 ÷ 12	*6:3*	16. Write this percentage as a **fraction** and a **decimal**. (30%)	*6:12*		
7. Which is a **common multiple** of 8 and 12? 4 8 12 24 36	*6:4*	17. Find **40%** of 270.	*6:13*		
8. Circle **all** the **prime numbers**: 50 53 57 59	*6:4*	18. Share £24 in the ratio 2:1.	*6:14*		
9. 25 - 12 + 8	*6:5*	19. How much will a 10 mile trip cost? (Taxi charge: £2 + 20p per mile.)	*6:15*		
10. Give two numbers that have a difference of 8 and add to make 4.	*6:6*	20. The rule for this sequence is multiply by 2 then add 1: 2, 5, 11, ☐	*6:16*	25. Find the mean of these numbers: 3 7 6 8 6	*6:30*
Total (A)		Total (B)		Total (C)	
Test Total (A+B+C)		R (0-9)	Y (10-19)	G (20-25)	