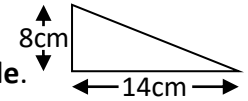
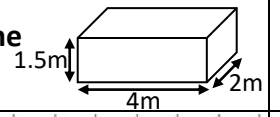
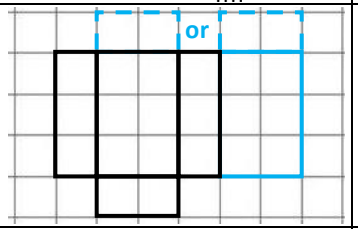
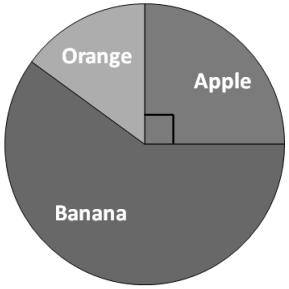
Maths Key Skills Stage 6: Skill Check 3 **Answers**

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* **4,022,016**	11. Which is the **smallest** fraction? $\frac{4}{5}$, $\frac{7}{10}$ or $\frac{17}{20}$	*6:7* $\frac{7}{10}$	21. Calculate the **area** of this **triangle**. 	*6:21* **56cm²**
2. What is the value of the **4** in this number? 1,384,721	*6:1* **4,000**	12. $\frac{7}{10}$ - $\frac{9}{15}$ =	*6:8* $\frac{3}{30}$ **or** $\frac{1}{10}$	22. Find the **volume** of this **cuboid**. 	*6:22* **12m³**
3. Round 7.186 to 1 decimal place.	*6:1* **7.2**	13. Simplify your answer. $\frac{3}{5}$ x $\frac{1}{6}$ =	*6:9* $\frac{1}{10}$	23. Complete this net of a cuboid. 	*6:23* **Rect-angles drawn**
4. What is the largest possible length? Length: 12.5cm (to 1 decimal place)	*6:2* **12.55cm**	14. 257.3 ÷ 100	*6:10* **2.573**		
5. 1,275 x 22	*6:3* **28,050**	15. 3.48 x 6	*6:11* **20.88**	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* **20**
6. Give the answer as a **mixed number**: 1,626 ÷ 12	*6:3* **$135\frac{1}{2}$**	16. Write this percentage as a **fraction** and a **decimal**. (30%)	*6:12* $\frac{3}{10}$ **,0.3**		
7. Which is a **common multiple** of 8 and 12? 4 8 12 24 36	*6:4* **24**	17. Find **40%** of 270.	*6:13* **108**		
8. Circle **all** the **prime numbers**: 50 (53) 57 (59)	*6:4* **53, 59**	18. Share £24 in the ratio 2:1.	*6:14* **£16:£8**		
9. 25 - 12 + 8	*6:5* **21**	19. How much will a 10 mile trip cost? (Taxi charge: £2 + 20p per mile.)	*6:15* **£4**		
10. Give two numbers that have a difference of 8 and add to make 4.	*6:6* **-2, 6**	20. The rule for this sequence is multiply by 2 then add 1: 2, 5, 11, ☐	*6:16* **23**	25. Find the mean of these numbers: 3 7 6 8 6	*6:30* **6**
Total (A)		Total (B)		Total (C)	
Test Total (A+B+C)		R (0-9)	Y (10-19)	G (20-25)	