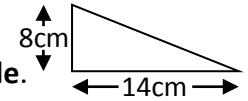
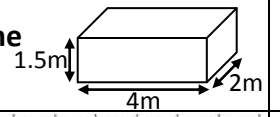
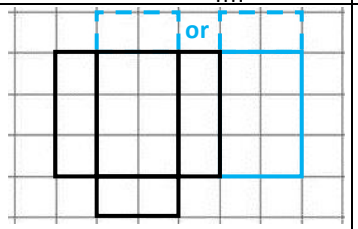
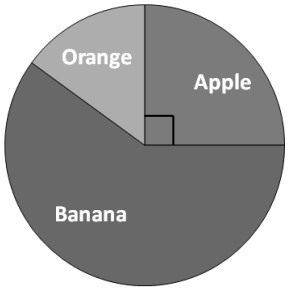
**Maths Key Skills** Stage 6: Skill Check 3 **Answers**

**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 (to 2 decimal places) that could be rounded to 12.5cm? | *6:2* **12.54cm** | 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* **5** | 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) | |