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| **Review topics – Methods 2F – Sheet 2a** |
| **1a)** | Work out the difference of 11.21 and 11.213 | **1b)** | Work out $\frac{3}{15}$ of 105 |
| **2a)** | Work out the value of $$\sqrt[3]{125}$$ | **2b)** | Work out $\frac{2}{7}$ of 521  |
| **3a)** | Write 33% as a decimal | **3b)** | Which number is bigger?$$\frac{2}{5} or 50\%$$ |
| **4a)** | What type of angle is y?*y* | **4b)** | $T=3x+4y$. $x=4 and y=3$Find the value of T. |
| **5a)** | Name this shape | **5b)** | $T=3a-b$. $a=5 and b=10$Find the value of T. |
| **6a)** | Work out 40% of 200 | **6b)** | $T=a^{2}+b$. $a=5 and b=-10$Find the value of T. |
| **7a)** | Write $\frac{7}{20}$ as a decimal | **7b)** | Work out the difference between 7 and 33 |
| **8a)** | Write $\frac{8}{100}$ as a decimal | **8b)** | What number is 12 higher than -4? |
| **9a)** | Write 33% as a fraction. Simplify your answer. | **9b)** | Write 0.325 as a percentage. |
| **10a)** | Write 46% as a fraction. Simplify your answer. | **10b)** | Write $\frac{7}{10}$ as a percentage |
| Mark Comments | Effort |  |

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| **Review topics – Methods 2F – Sheet 2b** |
| **1a)** | Use your calculator to work out$$\sqrt{49}-6.25$$ | **1b)** | Find the missing value ‘?’.$630÷?$=6.3  |
| **2a)** | Find the missing value ‘?’.0.54$×?=540$ | **2b)** | Work out $\frac{2}{3}$ of 630  |
| **3a)** | How much bigger is 45.6 than 45.02? | **3b)** | Work out $\frac{3}{12}$ of 72 |
| **4a)** | Kashif thinks of a number. He divides the number by 7. The answer is 15. What is his number? | **4b)** | $T=x^{2}+y$. $x=10 and y=-5$Find the value of T. |
| **5a)** | Sara thinks of a number. She multiplies the number by 3 and adds 17. The answer is 38. What is her number? | **5b)** | $T=a-\sqrt[3]{b}$. $a=6 and b=8$Find the value of T. |
| **6a)** | Write these numbers in order of size, smallest first.70% 0.5 $\frac{1}{4}$ | **6b)** | $T=3(a-b)$. $a=2 and b=-5$Find the value of T. |
| **7a)** | Find the missing angle *x*.*x*0950350 | **7b)** | Find the missing angle *y*. *y*0950350 |
| **8a)** | There are 25 buttons in a box. 10 are blue. What fraction is blue? | **8b)** | A bag contains 300 counters which are red blue and yellow. $\frac{1}{4} are red, \frac{2}{3} are blue$. How many are yellow? |
| **9a)** | There are 10 buttons in a box. 6 are red the rest are green. Write down the ratio of red to green buttons. | **9b)** | 8 pencils cost $£ 9.60$. Find the cost of 12 pencils.  |
| **10a)** | Here are 3 fractions. Which fraction **is not** recurring? Circle your answer.$$\frac{2}{3} \frac{3}{7} \frac{7}{70}$$ | **10b)** | Work out the volume of this cuboid5cm12cm6cm |
| Mark Comments | Effort |  |