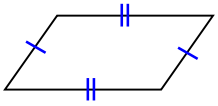
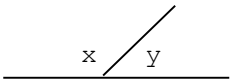
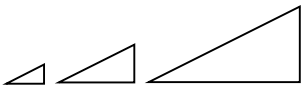
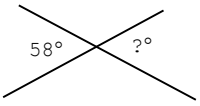
Remember It Sheet #5 Name Date

Number	$\begin{array}{r} 62 \\ +\ 53 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 46 \\ -\ 37 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 66 \\ \times\ 4 \\ \hline \\ \hline \end{array}$	$8 \overline{)\,3\ 2\ 4}$ r
	Round 170 to the nearest 100		What is 46.972 to 2 decimal places	
Fraction	$^5/_6 + {}^5/_{12}$	$^8/_9 - {}^4/_{27}$	$^6/_{11} \times {}^5/_6$	$^{11}/_{17} \div {}^3/_5$
Decimals	$\begin{array}{r} 46.5 \\ +\ 35.8 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 36.6 \\ -\ 26.8 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 5.6 \\ \times\ 5.3 \\ \hline \\ \hline \end{array}$	64.08 ÷ 0.8
Percentage	Find 50% of 180	Find 25% of 4220	Find 10% of 192.7	Find 5% of 4000
Common Measure	How many grams are there in a 2 kg?	£21.76 + £16.65 =	2.5 m = cm	Triangle 7.0 cm 10.0 cm Area =
Shape and Space	 What is the name of this shape?	 Which angle is acute, which is obtuse?	 Are these shapes congruent or similar?	 What is the size of the unknown angle?
Data	2, 3, 3, 6, 8, 2, 12, 2, 2, 10 What is the range for these figures? What is the mean for these figures? What is the mode for these figures?		The results of a history exam for 10 students are: Student 1 scored 9, Student 2 scored 10 Student 3 scored 11, Student 4 scored 20 Student 5 scored 8, Student 6 scored 6 Student 7 scored 12, Student 8 scored 14 Student 9 scored 10, Student 10 scored 100 What is the median for these figures? Is the median value a good representation of the average mark for a student?	
Probability	 What is the probability that if I pick a card at random from a standard pack of 52 playing cards, it will be a king?		 I have a bag of 16 coloured balls, 4 red, 4 blue, 4 green, 4 yellow. If I pick a ball out of the bag at random, what is the chance of the ball being red or a blue?	

Remember It Sheet #5 Answers

<table>
<tr><td rowspan="2">Number</td><td>62
+ 53

115</td><td>46
- 37

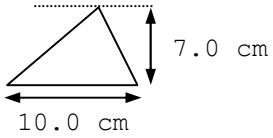
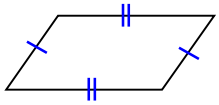
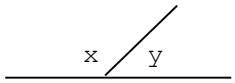
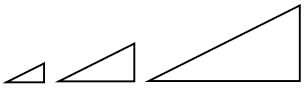
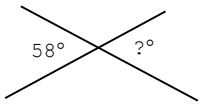
9</td><td>66
x 4

264</td><td>r
8 | 3 2 4
40 r 4 or 40 ½</td></tr>
<tr><td colspan="2">Round 170 to the nearest 100
200</td><td colspan="2">What is 46.972 to 2 decimal places
46.97</td></tr>
<tr><td>Fraction</td><td>$^5/_6 + {}^5/_{12}$
$1\ {}^1/_4$</td><td>$^8/_9 - {}^4/_{27}$
$^{20}/_{27}$</td><td>$^6/_{11} \times {}^5/_6$
$^5/_{11}$</td><td>$^{11}/_{17} \div {}^3/_5$
$1\ {}^4/_{51}$</td></tr>
<tr><td>Decimals</td><td>46.5
+ 35.8

82.3</td><td>36.6
- 26.8

9.8</td><td>5.6
x 5.3

29.68</td><td>64.08 ÷ 0.8

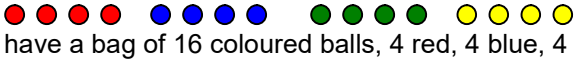
80.1</td></tr>
<tr><td>Percentage</td><td>Find 50% of 180
90</td><td>Find 25% of 4220
1055</td><td>Find 10% of 192.7
19.27</td><td>Find 5% of 4000
200</td></tr>
<tr><td>Common Measure</td><td>How many grams are there in a 2 kg?
2000</td><td>£21.76 + £16.65 =
38.41</td><td>2.5 m = cm
250</td><td>Triangle
 
7.0 cm
10.0 cm
Area = 35 cm²</td></tr>
<tr><td>Shape and Space</td><td> 
What is the name of this shape?
Parallelogram</td><td> 
Which angle is acute, which is obtuse?
x - obtuse
y - acute</td><td> 
Are these shapes congruent or similar?
Similar (same angles)</td><td> 
What is the size of the unknown angle?
Opposite angles are the same. 58°</td></tr>
<tr><td>Data</td><td colspan="2">2, 3, 3, 6, 8, 2, 12, 2, 2, 10

What is the range for these figures?
10 - 2 = 8

What is the mean for these figures?
50 ÷ 10 = 5

What is the mode for these figures?
2</td><td colspan="2">The results of a history exam for 10 students are:

Student 1 scored 9, Student 2 scored 10
Student 3 scored 11, Student 4 scored 20
Student 5 scored 8, Student 6 scored 6
Student 7 scored 12, Student 8 scored 14
Student 9 scored 10, Student 10 scored 100

What is the median for these figures?
Arrange in order 6, 8, 9, 10, 10, 11, 12, 14, 20, 100
Middle value (10+11) ÷ 2 = 10.5
Is the median value a good representation of the average mark for a student?
Yes it's reasonable, note that it is not affected by the extreme value (100)</td></tr>
<tr><td>Probability</td><td colspan="2"> 
What is the probability that if I pick a card at random from a standard pack of 52 playing cards, it will be a king?
$^4/_{52} = {}^1/_{13}$</td><td colspan="2"> 
I have a bag of 16 coloured balls, 4 red, 4 blue, 4 green, and 4 yellow.

If I pick a ball out of the bag at random, what is the chance of the ball being red or a blue?
$^8/_{16} = {}^1/_2$, even, 50:50</td></tr>
</table>