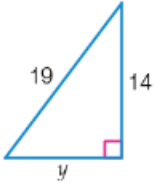
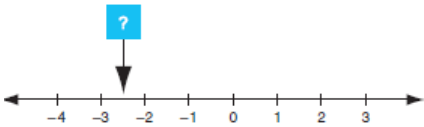
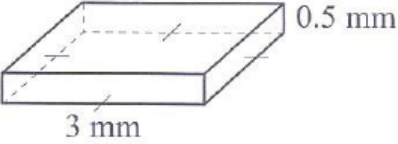
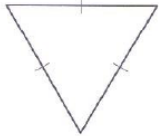


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|--|---|--|-----|-----|----|----|----|----|----|-----|-----|----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|----|----|--|
| <p>1. Fractions Show your working out.</p> $\frac{2}{5} \div \frac{3}{7}$ | <p>2. Percentages – no calculator</p> <p>a) 10% of 25</p> <p>b) 20% of 25</p> <p>c) 5% of 25</p> | <p>3. Pythagoras' Theorem Solve for y.</p>  | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>4. Calendar Maths</p> <p>a) How many weeks in a year?</p> <p>b) How many days in a year?</p> <p>c) What are the months of Summer?</p> | <p>5. Decimals</p>  <p>The arrow points to a position on the number line. What number is at this position?</p> | <p>6. Algebraic Equations</p> <p>The cost in dollars to print n books is $500 + 10n$.</p> <p>How many books are printed for a cost of \$15000?</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>7. Measurement Find the volume of this square based prism.</p>  | <p>8. Geometry</p> <p>Which two options describe the triangle below?</p> <p>a) equilateral</p> <p>b) right angled</p> <p>c) acute angled</p>  | <p>9. Statistics</p> <table border="1" data-bbox="1072 1151 1513 1326"> <tbody> <tr> <td>99</td> <td>100</td> <td>89</td> <td>89</td> <td>92</td> </tr> <tr> <td>95</td> <td>98</td> <td>108</td> <td>110</td> <td>98</td> </tr> <tr> <td>104</td> <td>106</td> <td>108</td> <td>86</td> <td>88</td> </tr> <tr> <td>112</td> <td>115</td> <td>125</td> <td>128</td> <td>116</td> </tr> <tr> <td>120</td> <td>128</td> <td>85</td> <td>90</td> <td></td> </tr> </tbody> </table> <p>Find:</p> <p>a) mean</p> <p>b) median</p> <p>c) mode</p> <p>d) range</p> | 99 | 100 | 89 | 89 | 92 | 95 | 98 | 108 | 110 | 98 | 104 | 106 | 108 | 86 | 88 | 112 | 115 | 125 | 128 | 116 | 120 | 128 | 85 | 90 | |
| 99 | 100 | 89 | 89 | 92 | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | 98 | 108 | 110 | 98 | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | 106 | 108 | 86 | 88 | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 115 | 125 | 128 | 116 | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 128 | 85 | 90 | | | | | | | | | | | | | | | | | | | | | | | | |