
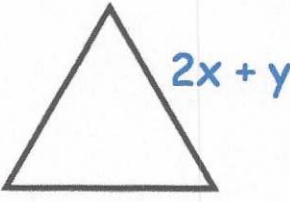

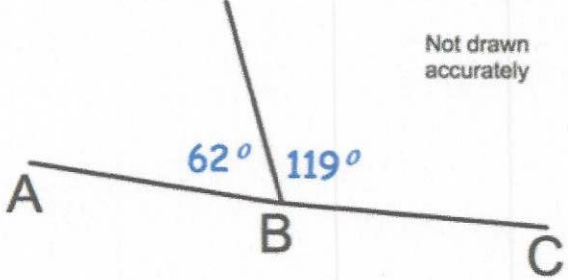


| 20th October | | | | | |  Corbettmaths | | | | | | | | | | | |
|---|--------|---------|---|----------|--------|---|--------|---------|-----------|----------|--------|-------------|----|---|----|---|----|
| Shown is an equilateral triangle. Each side is $2x + y$ | | |  | | | | | | | | | | | | | | |
| Find an expression for the perimeter of the triangle. | | | | | | | | | | | | | | | | | |
| $6x + 3y$ | | | | | | | | | | | | | | | | | |
| Fiona is playing a game. She throws <u>8</u> balls at a target, one at a time. Each hit is worth 5 points. Each miss is worth -4 points. Fiona hits the target with <u>2</u> of the balls and misses with the rest. | | |  | | | | | | | | | | | | | | |
| $2 \times 5 = 10$ $6 \times -4 = -24$ | | | How many points does Fiona score? | | | | | | | | | | | | | | |
| -14 points | | | | | | | | | | | | | | | | | |
| Is AC a straight line? | | |  | | | | | | | | | | | | | | |
| $62 + 119 = 181^\circ$ <u>No</u> | | | Not drawn accurately | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Day</th> <th>Monday</th> <th>Tuesday</th> <th>Wednesday</th> <th>Thursday</th> <th>Friday</th> </tr> </thead> <tbody> <tr> <td>Temperature</td> <td>-4</td> <td>1</td> <td>-6</td> <td>1</td> <td>-2</td> </tr> </tbody> </table> | | | | | | Day | Monday | Tuesday | Wednesday | Thursday | Friday | Temperature | -4 | 1 | -6 | 1 | -2 |
| Day | Monday | Tuesday | Wednesday | Thursday | Friday | | | | | | | | | | | | |
| Temperature | -4 | 1 | -6 | 1 | -2 | | | | | | | | | | | | |
| What is the range of the temperatures? | | | What is the mean of the temperatures recorded? | | | | | | | | | | | | | | |
| $1 - -6 = 7^\circ\text{C}$ | | | $-10 \div 5 = -2$ | | | | | | | | | | | | | | |
| The ratio of girls to boys in a class is 2 : 3 | | | What percentage of the class are boys? | | | | | | | | | | | | | | |
| What fraction of the class are girls? | | | 60% | | | | | | | | | | | | | | |
| $\frac{2}{5}$ | | | | | | | | | | | | | | | | | |