Which of these is a geometric progression?

4, 6, 8, 10, 12  
4, 6, 10, 16, 24  
4, 7, 12, 19, 28  
4, 8, 16, 32, 64

C is the point (6, −3)  
D is the point (9, −12)

Does the point E(−17, 66) lie on the straight line passing through CD?

A rectangular field is 30m longer than it is wide.  
The area of the field is 5000m²  
Calculate the width and length of the field.

Paul says the average donation is £10

Do you agree?  
Explain your answer.

<table>
<thead>
<tr>
<th>Donation</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 &lt; d ≤ 5</td>
<td>44</td>
</tr>
<tr>
<td>5 &lt; d ≤ 10</td>
<td>35</td>
</tr>
<tr>
<td>10 &lt; d ≤ 20</td>
<td>16</td>
</tr>
<tr>
<td>20 &lt; d ≤ 50</td>
<td>3</td>
</tr>
<tr>
<td>50 &lt; d ≤ 100</td>
<td>2</td>
</tr>
</tbody>
</table>

Simplify

\[
\frac{x}{4} \times \frac{x - 3}{2}
\]