Finding Patterns

(a) What percent is 14 out of 20?_______

(b) A shirt costs $40.00
Find the price with 20% off: ______ ... then add 8% tax:_______

(c) If tax is 8% and Jerome has $50 in his pocket, what is most he can afford to pay before tax?

1. a) Find the next two shapes in this sequence:

\[ \begin{array}{cccc}
\text{Triangle} & \text{Square} & \text{Triangle} & \text{Square} \\
\text{Black} & \text{White} & \text{Black} & \text{White} \\
\end{array} \]

b) What would the tenth shape look like? Draw it below.

2. Complete the pattern in the triangle below.

3. Write down at least two patterns you observe within the numbers in the triangle.