### 19th February

**Shown is** \( y = f(x) \)

\[
\begin{array}{c}
\text{A} \\
\text{B}
\end{array}
\]

**Sketch** \( y = f(-x) \)

**Not drawn accurately**

There are 10 socks in a drawer. 5 are white, 3 are black, 2 are red.

Heather takes two socks at random from the drawer.

**Explain why triangles** LMN and NOP **are similar**

**Find**

\[
f(x) = 3x - 1 \\
g(x) = x^2 + 8
\]

**Find** \( fg(x) \)

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