### 21st August

**Expand and simplify**

\[5(3x + 2) - 4(x - 9)\]

**Find the area inside the running track.**

![Running track diagram](image)

**Here are the equations of four lines.**

| Line 1 | 2y = 8x + 6 |
| Line 2 | x + y = 6   |
| Line 3 | 4x - y = 5  |
| Line 4 | 4x + 2y = 1 |

**Two of the lines are parallel.**

**Which lines?**

**Describe fully the single transformation that maps shape A onto shape B.**

**Reflect B in the mirror line \( y = 5 \)**