

Matching shapes and transformations

This task is about reflection, rotation, and translation.

a) In which diagram is one triangle **reflected** on to the other?

| | | | |
|---------------------------------|--|---------------------------------|--|
| <input type="radio"/> Diagram A | | <input type="radio"/> Diagram B | |
| <input type="radio"/> Diagram C | | <input type="radio"/> Diagram D | |
| <input type="radio"/> Diagram E | | | |

b) In which diagram is one triangle **rotated** on to the other?

| | | | |
|---------------------------------|--|---------------------------------|--|
| <input type="radio"/> Diagram A | | <input type="radio"/> Diagram B | |
| <input type="radio"/> Diagram C | | <input type="radio"/> Diagram D | |
| <input type="radio"/> Diagram E | | | |

c) In which diagram is one triangle **translated** on to the other?

| | | | |
|---------------------------------|--|---------------------------------|--|
| <input type="radio"/> Diagram A | | <input type="radio"/> Diagram B | |
| <input type="radio"/> Diagram C | | <input type="radio"/> Diagram D | |
| <input type="radio"/> Diagram E | | | |