Q1. (June 2018 v1)

| | |
|---|---|
| 16 | Correct enlargement drawn |

Q2. (June 2019 v3)

| | |
|---|---|
| 23 | 126 |

Q3. (June 2020 v3)

| | |
|---|---|
| 2 | Correct shape drawn |

Q4. (June 2020 v3)

Q5. (June 2020 v3)

| | |
|---|---|
| 15 | Rotation<br>clockwise 90°<br>[centre] (0, 0) |

Q6. (June 2022 v2)

| | |
|---|---|
| 3 | A congruent triangle drawn |

Q7. (June 2023 v3)

| | |
|---|---|
| 23(a) | Rotation<br>[centre] (–3, 3)<br>90° clockwise |

| | |
|---|---|
| 23(b) | Translation $\begin{pmatrix} 7 \\ -2 \end{pmatrix}$ |

Q8. (June 2025 v1)

| | |
|---|---|
| 23(a) | Correct rotation, points at $(1, -1)$, $(3, -1)$ and $(1, -4)$ |
| 23(b) | Translation $\begin{pmatrix} -6 \\ -4 \end{pmatrix}$ |
| 23(c) | Enlargement<br>[scale factor] 2<br>[centre] (0, -2) |

Q9. (June 2025 v2)

| | |
|---|---|
| 16(c) | Triangle drawn with coordinates $(1,-2),(2,-2)$ and $(2,-5)$ |
| 16(d)(i) | Enlargement<br>[scale factor] 2<br>[centre] $(-1,0)$ |
| 16(d)(ii) | Rotation<br>90° clockwise<br>[centre] $(2,3)$ |

Q10. (Nov 2018 v1)

| | |
|---|---|
| 10 | Correct ruled enlargement |

Q11. (Nov 2024 v1)

| | |
|---|---|
| 18(b) | (14, 11) |

Q12. (Nov 2025 v1)

| | |
|---|---|
| 21(a) | Rotation<br>90 anticlockwise oe<br>(0,0) oe |
| 21(b) | Rectangle with vertices at<br>(1, –3) (3, –3) (3, –4) (1,–4) |

Q13. (Nov 2025 v2)

| | |
|---|---|
| 19(a) | Fully correct reflection, points (−4, 5)<br>(−5, 5) (−4, 4) (−5, 4) (−4, 2) |
| 19(b) | Fully correct rotation, points (−2, −2)<br>(−2, −4) (−2, −5) (−3, −5) (−3, −4) |
| 19(c) | Translation<br>$\begin{pmatrix} 2 \\ -6 \end{pmatrix}$ |

Q14. (Nov 2025 v3)

| | |
|---|---|
| 22 | Enlargement<br>Centre (0,0)<br>[Scale factor] 3 |