

Box 3.5: Matching trios

Maths: revision of linear formulae, quadratic formulae and inversely proportional formulae. Learners match four different aspects of maths together. Learners match the name of the formula with the name of the graph, the appropriate table and formula(e).

Set 1: names of formulae

| | | |
|----------------|-------------------|--------------------------------|
| linear formula | quadratic formula | inversely proportional formula |
| linear formula | quadratic formula | inversely proportional formula |
| linear formula | quadratic formula | inversely proportional formula |



Set 2: names of graphs

| | | |
|---------------|----------|-----------|
| straight line | parabola | hyperbola |
| straight line | parabola | hyperbola |
| straight line | parabola | hyperbola |

Box 3.5: Matching trios (*cont.*)

Set 3: measurements on axes

| A | | | | |
|---|----|----|----|----|
| X | 0 | 1 | 2 | 3 |
| Y | 15 | 17 | 19 | 21 |

| B | | | | |
|---|---|---|----|----|
| X | 0 | 1 | 2 | 3 |
| Y | 3 | 5 | 11 | 21 |

| C | | | | |
|---|---|-----|---|------|
| x | 0 | 1 | 2 | 3 |
| y | 6 | 6,5 | 8 | 10,5 |

| D | | | | |
|---|---|----|----|---|
| X | 0 | 1 | 2 | 3 |
| Y | 0 | 24 | 12 | 6 |

| E | | | | |
|---|----|----|----|----|
| x | 0 | 1 | 2 | 3 |
| y | 41 | 36 | 31 | 26 |



Set 4: formulae

| | | |
|--------------------------------|-------------------------------|---------------------|
| F $y = 2x + 15$ | G $xy = 24$ | H $y = -5x + 41$ |
| I $y = 2(x + 7\frac{1}{2})$ | J $y = \frac{1}{2}x^2 + 6$ | K $y = 2x^2 + 3$ |