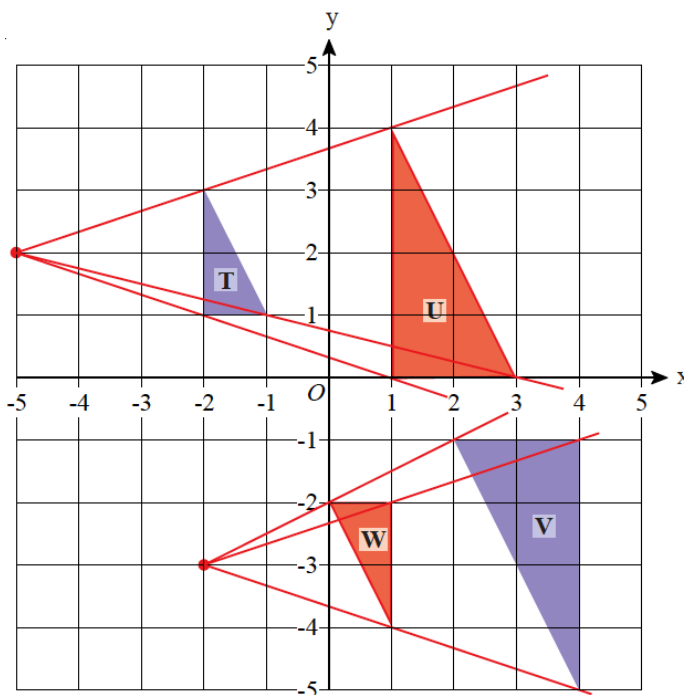


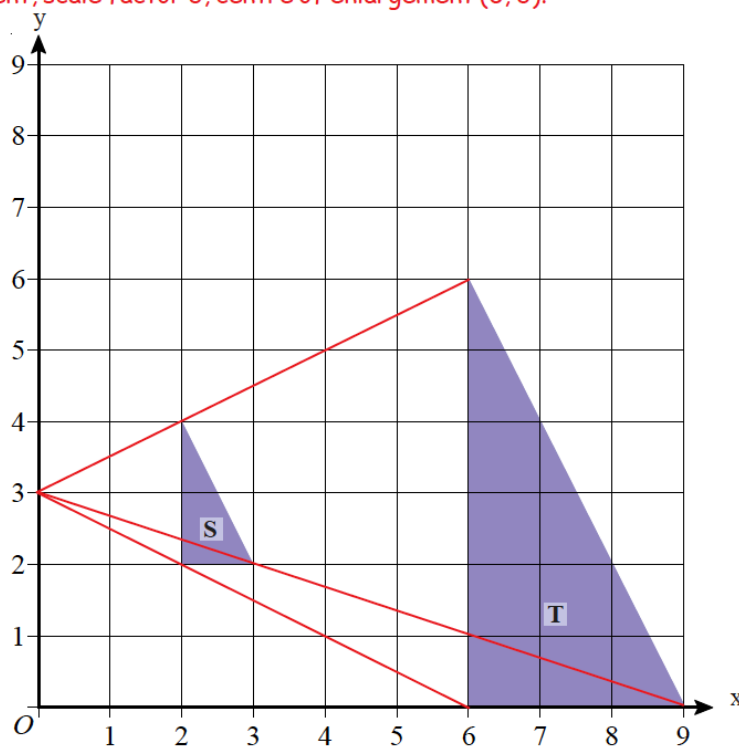
WorksheetCloud: Worksheet
 Grade: 7
 Subject: Mathematics
 Topic: Enlargements

1) a) Enlarge triangle T by scale factor 2 using point $(-5, 2)$ as the centre of enlargement. Label your new triangle U.

b) Enlarge triangle V by scale factor a half using the point $(-2, -3)$ as the centre of enlargement. Label your new triangle W.



2) Describe fully the single transformation which maps triangle S to triangle T
Enlargement, scale factor 3, centre of enlargement $(0, 3)$.



- 1). A- Scale factor 2 about (4,9) B- Scale factor 3 about (-4,-7)
- 2). A- Scale factor 2 about (4,0) B- Scale factor 3 about (-4,0)
- 3). A- Scale factor 6 about (3,8) B- Scale factor 2 about (-6,-9)
- 4). A- Scale factor 3 about (5,4) B- Scale factor 2 about (-4,1)
- 5). A- Scale factor 2 about (-6,8) B- Scale factor 4 about (6,-1)
- 6). A- Scale factor 3 about (6,2) B- Scale factor 2 about (6,-2)
- 7). A- Scale factor 2 about (-6,4) B- Scale factor 3 about (-6,1)
- 8). A- Scale factor 2 about (-1,6) B- Scale factor 3 about (6,3)
- 9). A- Scale factor 4 about (-6,0) B- Scale factor 3 about (0,-4)