## Translating shapes worksheet 1 answers:

1 : The desk has moved 3 squares up.
2 a): A to B: 1 left 2 down;
$B$ to $A$ : 1 right 2 up
2 b): C to D: 3 right 4 down;
D to C: 3 left 4 up
$2 \mathrm{c})$ : The numbers stay the same, the directions are reversed.
3 a): $C$ and $E$ are reflections as the orientation/direction has changed;
$B$ and $D$ are translations as the orientation has not changed.
3 b): A to B: 2 left 2 up;
A to D: 3 right 4 up
3 c) and d):


