



Translating geometrical descriptions: Student worksheet

<http://topdrawer.aamt.edu.au/Geometric-reasoning/Misunderstandings/The-language-of-geometry/Translating-geometric-descriptions>

Draw a neat diagram of each of the following descriptions, indicating all details clearly.

1. Triangle PQR has QR produced to T .	5. DEF is an isosceles triangle with $DE = EF$. The perpendicular from D meets EF at A .
2. Triangle ABC is isosceles with $AB = AC$.	6. Triangle ABC has a right angle at A . M , the midpoint of BC , is joined to A .
3. Triangle XYZ has XY produced to T . TZ is joined.	7. Equilateral triangle XYZ has XY produced to T so that $TY = XY$.
4. A is the midpoint of PQ in the triangle PQR .	8. XYZ is an obtuse angled triangle with Y being greater than 90° . The perpendicular from X meets ZY produced at P .

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