

The diagram shows a sequence of numbers: 6, 2, 8, 1, 6, 2, 3, followed by an equals sign and a question mark. Each number is accompanied by a cluster of colored spheres and lines connecting them to the next number's cluster.

- 6**: A single dark blue sphere.
- 2**: A cluster of three dark purple spheres.
- 8**: A cluster of three purple spheres.
- 1**: A cluster of three red spheres.
- 6**: A single red sphere.
- 2**: A cluster of three orange spheres.
- 3**: A cluster of three yellow spheres.
- ?**: Two yellow spheres.

Connections between clusters:

- 6 to 2: A single dark blue line.
- 2 to 8: A single dark purple line.
- 8 to 1: Three purple lines.
- 1 to 6: Two red lines.
- 6 to 2: A single red line.
- 2 to 3: Two orange lines.
- 3 to ?: Two yellow lines.

$$6 + 2 + 8 - 1 + 6 + 2 - 3 = ?$$