Name: _____ Date: _____

Decimal Number Line Placement

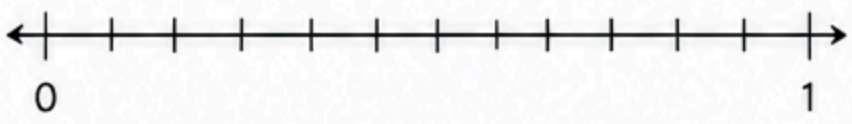
Year 7 – Decimals

Identify and mark decimal positions on number lines with various scales, then compare and order decimals visually.

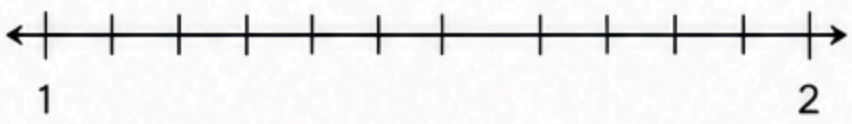
1. Plot the decimals

Mark each decimal on the number line.

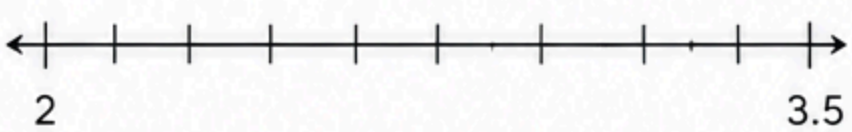
a) 0.2 0.5 0.8



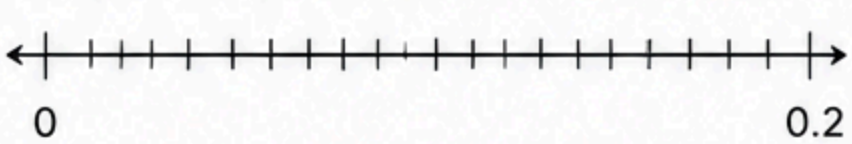
b) 1.3 1.7 1.9



c) 2.4 2.8 3.1



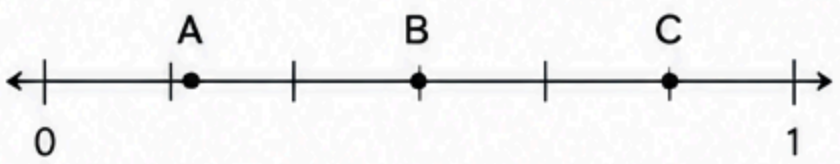
d) 0.06 0.12 0.18



2. Find the decimals

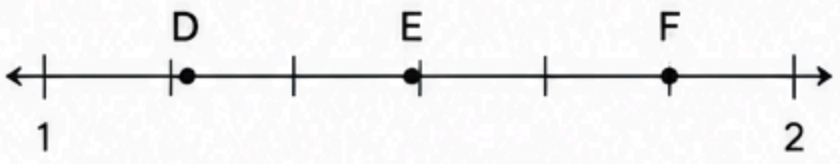
Write the decimal shown by each point.

a)



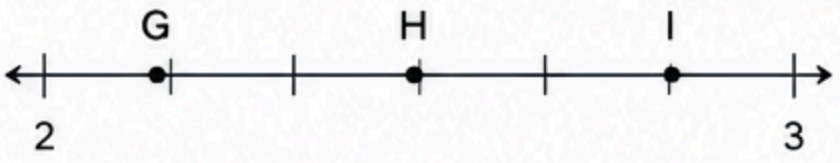
A = _____ B = _____ C = _____

b)



D = _____ E = _____ F = _____

c)



G = _____ H = _____ I = _____

3. Compare the decimals

Use the number lines to decide which decimal is greater. Write >, < or = in each box.

a) 0.6 ☐ 0.48

b) 1.24 ☐ 1.4

c) 2.3 ☐ 2.29

d) 0.175 ☐ 0.17

4. Order the decimals

Write the decimals in order as indicated. Use the number lines to help if you need to.

a) **Ascending (smallest to largest):** 0.8, 0.42, 0.5, 0.37

_____

b) **Descending (largest to smallest):** 1.6, 1.48, 1.7, 1.52

_____

c) **Ascending (smallest to largest):** 3.05, 3.2, 3.14, 3.08

_____

d) **Descending (largest to smallest):** 0.9, 0.95, 0.87, 0.932

_____