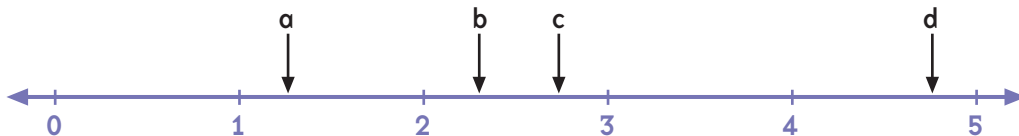


# Line Up

You need: a calculator (optional)

**ACTIVITY**

1.

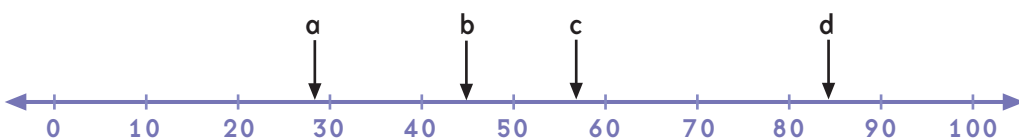


The arrows on this number line point to the solutions to these expressions:

- i.  $2.5 \times 1.1$       ii.  $2.5 \times 1.9$       iii.  $2.5 \times 0.5$       iv.  $2.5 \times 0.9$

- a. Without multiplying, match each letter on the number line to one of the expressions.  
 b. Explain how you solved the problem.

2.



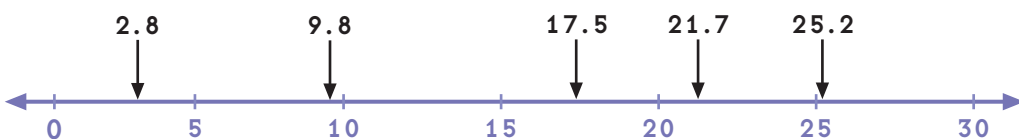
Without multiplying, match each letter on this number line to one of the expressions below.



Hint: Look for factors.

- i.  $1.75 \times 48$       ii.  $0.3 \times 96$       iii.  $2.4 \times 24$       iv.  $0.96 \times 48$

3.



What numbers would you multiply 7 by to get the decimal numbers that are on top of the arrows on this number line?

Explain how you worked these out.