

Numeracy Year 9 – Week 4: Number

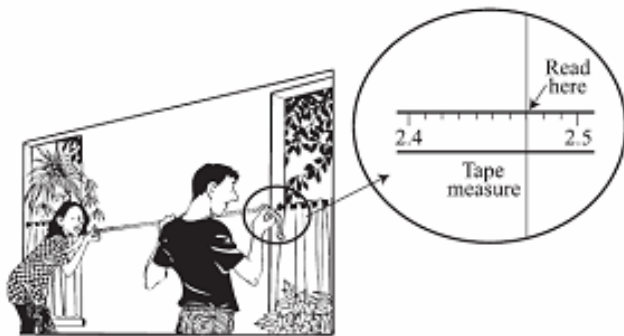
STUDENT WORKSHEET

Focus of the week

Locating rational numbers and decimal approximations of irrational numbers on the number line

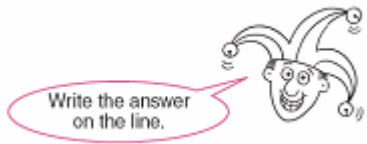
Question 1

Dave and Cathy are measuring the wall using a tape measure labelled in tenths of a metre.

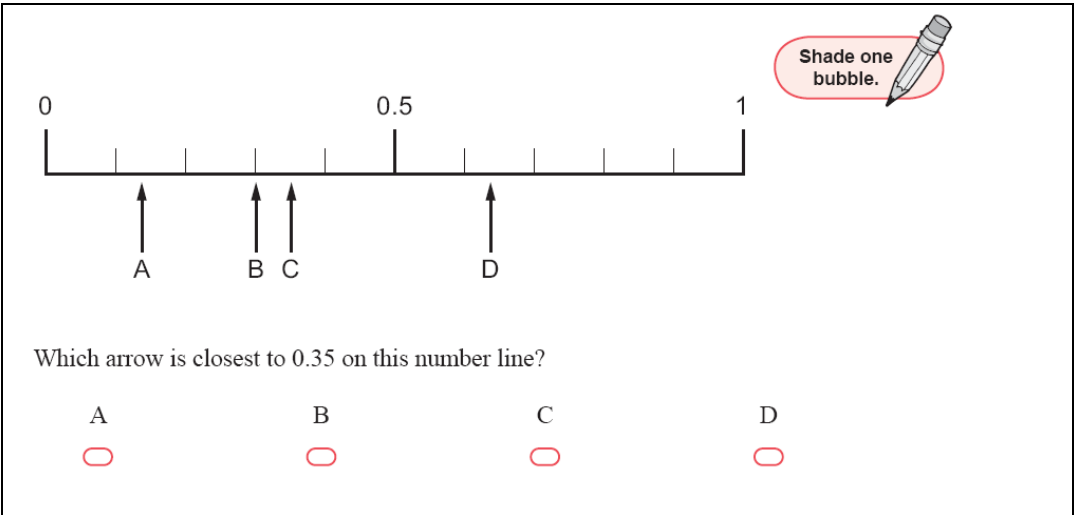


Use the enlarged view to measure the length of the wall to two decimal places.

_____ m



Question 2



Which arrow is closest to 0.35 on this number line?

A B C D

Question 3

Which number is exactly halfway between $1\frac{1}{4}$ and $3\frac{3}{4}$?

$1\frac{1}{2}$ 2 $2\frac{1}{2}$ $2\frac{3}{4}$



Challenge Question

Draw a number line and then mark the positions of these numbers:

$$\frac{5}{6}$$

$$\frac{\pi}{4}$$

$$\sqrt{0.8}$$

$$72\%$$

Which number is closest to 0.8?
