Name: _____ 5-a-day Foundation Plus

31st August

Corbettmaths

Work out an estimate for

$$\frac{(5.14)^2}{0.398} \approx$$

$\frac{5^2}{0.4} = \frac{25}{0.4} = \frac{250}{4}$

62.5

Draw a line to represent $x \geq 2$

Solve

$3(x - 4) - 2(x - 1) = 3x - 20$

$3x - 12 - 2x + 2 = 3x - 20$

$x - 10 = 3x - 20$

$2x = 10$

$x = 5$

Write 50 as a product of primes.
Give your answer in index form.

50 → 2, 25 → 5, 5

$2 \times 5 \times 5$

2×5^2

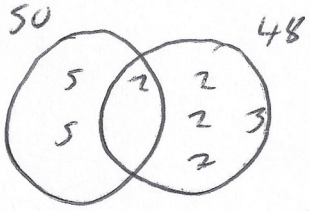
Write 48 as a product of primes.
Give your answer in index form.

48 → 3, 16 → 2, 8 → 2, 4 = 2 × 2

$2 \times 2 \times 2 \times 2 \times 3$

$2^4 \times 3$

Find the HCF of 50 and 48.



2

Find the LCM of 50 and 48.

$5 \times 5 \times 2 \times 2 \times 2 \times 2 \times 3$

1200