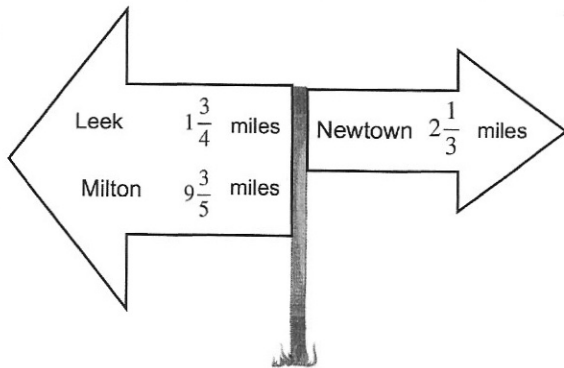


13th June

Foundation Plus 5-a-day



Corbettmaths



Work out the distance from Leek to Milton

$$7 \frac{17}{20} \text{ miles}$$

Work out the distance from Newtown to Milton

$$2 \frac{1}{3} + 9 \frac{3}{5} = \frac{179}{15} = 11 \frac{14}{15} \text{ miles}$$

$$\frac{7}{3} + \frac{48}{5}$$

$$\frac{35}{15} + \frac{144}{15}$$

$$9 \frac{3}{5} - 1 \frac{3}{4}$$

$$\frac{48}{5} - \frac{7}{4}$$

$$\frac{192}{20} - \frac{35}{20}$$

$$\frac{157}{20}$$

$$7 \frac{17}{20}$$

A circle has an area of $81\pi \text{ cm}^2$
Work out the radius of the circle.

$$A = \pi r^2$$

$$r = 9 \text{ cm}$$

Factorise $4y^2 - 1$

$$(2y-1)(2y+1)$$

Factorise $x^2 + 6x - 27$

$$(x+9)(x-3)$$

8.5 has been truncated to one decimal place.

Write down an inequality to show the range of possible actual values.

$$8.5 \leq n < 8.6$$