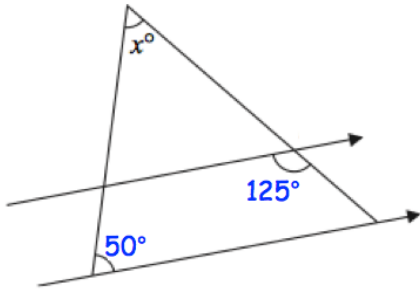


Name: \_\_\_\_\_

| November 10  | 5-a-day | Higher |
|--|---------|--------|
| $1\frac{4}{5} \div 2\frac{3}{4}$   |         |        |
|                         | Find x  |        |
| Find the coordinates where the line $y = 8x - 15$ and the curve $y = x^2$ meet.                          |         |        |
| Write 1008 as a product of prime factors.<br><br>Express your answer in index form.                      |         |        |
| Hence find the <b>least</b> number by which 1008 would need to be multiplied by to give a square number. |         |        |