m2 = 35 days to go!

Tickets for a show are priced as shown:

Adult £14	Senior Citizen £8	Child £5

Mrs Evans spent £57 on 6 tickets.
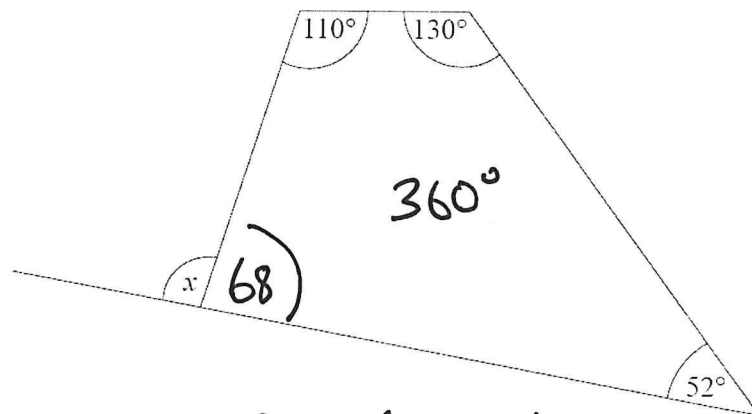
She bought 1 Child ticket.

How many Adult and Senior Citizen tickets did she buy?

$57 - 5 = 52$ for the adult & senior
Just try different numbers of 14 and 8
that add up to £52

$28 + 24$

$14 + 14 + 8 + 8 + 8$

Ans 2 adult
3 Senior Citizen

11 (a) Work out the size of the angle x in the diagram below.

Angles in a Quad add to 360

$x + 68 = 180$

$\boxed{-68} \quad \boxed{-68}$

$x = 112$

Answer _____ 112° ° [3]

P ———————— Q ———→ R

50 $(20$ x

160

110

S $70°$
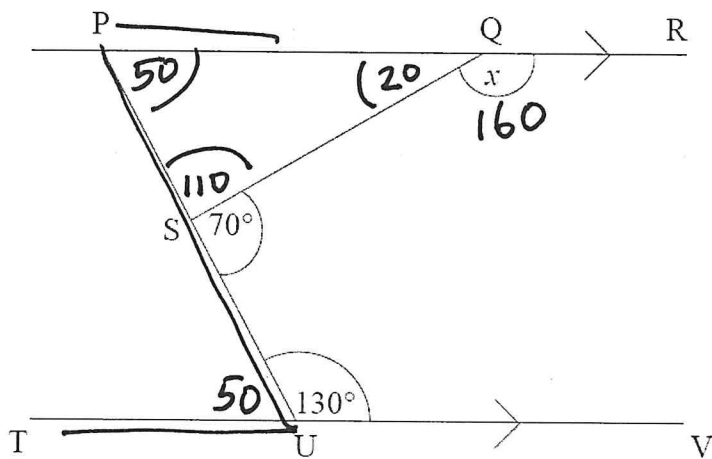
diagram
not drawn
accurately

50 $130°$

T ——————— U ———→ V

PR and TV are parallel lines.

Calculate the size of angle x.

Remember F $180°$ Z

C I A

Corresponding alternate

interior

Answer _____ ° [3]

22 Write 200 as a product of prime factors, using index notation.

200

20   10

4   ⑤   ⑤   ②

②   ②
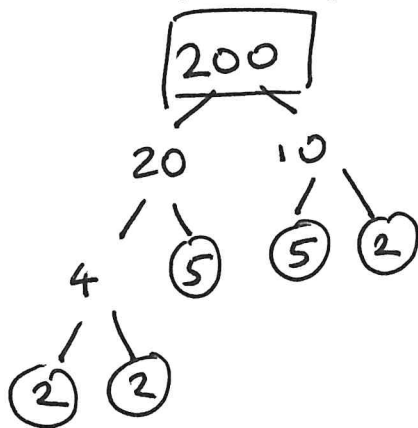
$200 = 2 \times 2 \times 2 \times 5 \times 5$

index notation

$2^3 \times 5^2$

Answer $2^3 \times 5^2$ [3]