1)

$16 \rightarrow 32 \rightarrow 48 \rightarrow 64 \rightarrow 80$

864 ÷ 16 = **54**

$18 \rightarrow 36 \rightarrow 54 \rightarrow 72 \rightarrow 90$

954 ÷ 18 = **53**

$23 \rightarrow 46 \rightarrow 69 \rightarrow 92 \rightarrow 115$

805 ÷ 23 = **35**

972 ÷ 27 = **36**

2) a) 756 ÷ 21 = 36

They have sold 36 family tickets.

b) £768 ÷ 32 = £24

£24 - £21 = £3

The cinema has raised its prices by £3 for each family ticket.

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1) Accept an explanation that shows that Emily has mistaken the place value of her answer. The correct answer should be 13.

$24 \rightarrow 48 \rightarrow 72 \rightarrow 96 \rightarrow 120$

2) Accept an explanation that shows that both method's will work but Li's will be quicker. Both methods will show that ten lots of 75 are 750, which leaves 150 left behind. Two lots of 75 will give 150. The final answer should be 12.

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1) A ÷ B = 24

A	B
312	13
336	14
360	15
384	16

2) C ÷ D = 51

C	D
816	16
867	17
918	18
969	19

3) 750 ÷ E = F

E	F
10	75
15	50
25	30
30	25
50	15
75	10