HW
24.6.21

8.A

1. i) 15 = ~~3, 5, 15~~ 1, 3, 5, 15
ii) 55 = 1, 5, 11, 55
iii) 48 = 1, 2, 3, 4, 6, 8, 12, 16, 24, 48
iv) 36 = 1, 2, 3, 4, 6, 9, 12, 18, 36
v) 84 = 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84

2. i) less than 25 = 2, 3, 5, 7, 11, 13, 17, 19, 23

ii) between 15 and 35 = 17, 19, 23, 29, 31

iii) between 8 and 76 = 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73

3. i) 5 to 45 = 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43
ii) 2 to 32 = 3, 5, 7, 11, 13, 17, 19, 23, 29, 31
iii) 8 to 48 = 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47
iv) 9 to 59 = 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59

4. i) 16 = 2
ii) 27 = 3
iii) 35 = 5 and 7
iv) 49 = 7

5. If Pn means prime factors of n find:

i) P_6 = 1, 2, 3, 6
= 2, 3

ii) P_{24} = 2 and 3

iii) P_{50} = 2 and 5

iv) P_{42} = 2, 3 and 7