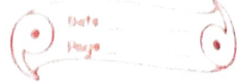


Hw
24.6.21

8.A



(1) i.) $15 = \cancel{13}, \cancel{5}, \cancel{15}, 1, 3, 5, 15$

ii.) $55 = 1, 5, 11, 55$

iii.) $48 = 1, 2, 3, 4, 6, \cancel{8}, 12, 16, 24, \cancel{48}$

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 = ⁵7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43

ii.) 2 to 32 = ²3, 5, 7, 11, 13, 17, 19, 23, 29, 31

iii.) 8 to 48 = ¹11, 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.) $35 = 5 \text{ and } 7$

iv.) $49 = 7$

(5) If P_n means prime factors of n find:

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

iv.) $P_{42} = 2, 3 \text{ and } 7$

ii.) $P_{24} = 2 \text{ and } 3$

iii.) $P_{50} = 2 \text{ and } 5$