

Answer of Tutorial Sheet 22

$$1. \quad \frac{17}{120}, \frac{7}{120}, \frac{17}{24}, \frac{7}{80}$$

(a) not independent

(b) not mutually exclusive

$$2. \quad \frac{1}{7}, \frac{2}{7}, \frac{1}{13}, \frac{1}{2}$$

$$3. \quad (a) \quad \frac{2}{3}, \frac{7}{12} \qquad (b) \quad \frac{5}{8}, \frac{9}{16}$$