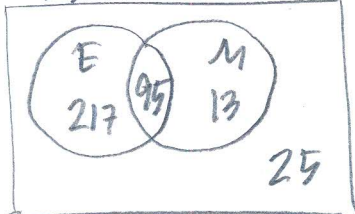
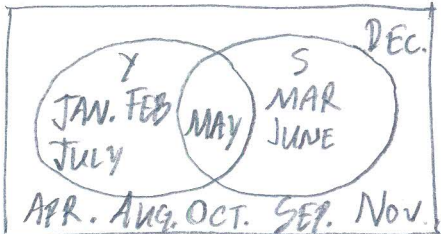


<p>1</p> $13 + 7 = \boxed{20}$	<p>2</p> $5 \cdot 3 \cdot 7 = \boxed{105}$	<p>3 (decimal – hundredth)</p> $1 - 0.43 = \boxed{0.57}$
<p>4</p> $\frac{6}{12} \cdot \frac{4}{11} = \boxed{\frac{2}{11}}$	<p>5</p> <p>a. {m, a, t}</p> <p>b. {h}</p> <p>c. {h, s, r}</p>	<p>6</p> <p>a. True</p> <p>b. False</p> <p>{a, c, t} = {c, a, t}</p> <p>they are equal!</p>
<p>7</p> <p>a. {Barr, Monroe, White}</p> <p>b. {Wren, Hart}</p>	<p>8</p>  $\frac{25}{350} = \boxed{\frac{1}{14}}$	<p>9</p>  <p>Y ∩ S = <math>\boxed{\{May\}}</math></p>
<p>10</p> <p>a. {5·x, 3·y, 4·z}</p> <p>b. {2·x, 1·y, 1·z}</p> <p>c. {3·x, 3·z}</p> <p>d. 10</p>	<p>11</p> $4 \cdot 2 \cdot 3 + 2 \cdot 3$ $= 24 + 6$ $= \boxed{30}$	<p>12</p> <p>P(A and B) =</p> <p>P(A) · P(B A)</p>

<p>13 (decimal - thousandth)</p> $P(J) \cdot P(A J) + P(A) \cdot P(J A)$ $= \frac{4}{52} \cdot \frac{4}{51} + \frac{4}{52} \cdot \frac{4}{51}$ $= \frac{32}{2652} = \boxed{0.012}$	<p>14</p> $P(\text{Blue}) + P(\text{black})$ $\frac{5}{23} + \frac{6}{23}$ $= \boxed{\frac{11}{23}}$	<p>15 (decimal - hundredth)</p> $P(R) \cdot P(G R) + P(G) \cdot P(R G)$ $= \frac{6}{12} \cdot \frac{2}{11} + \frac{2}{12} \cdot \frac{6}{11}$ $= \frac{24}{132} = \boxed{0.18}$
<p>16</p> $P(\text{odd}) \cdot P(\text{odd})$ $= \frac{3}{6} \cdot \frac{3}{6} = \boxed{\frac{1}{4}}$	<p>17</p> $P(4) \cdot P(5) + P(5) \cdot P(4)$ $= \frac{1}{6} \cdot \frac{1}{6} + \frac{1}{6} \cdot \frac{1}{6}$ $= \frac{2}{36} = \boxed{\frac{1}{18}}$	<p>18</p> <p> <math>\left. \begin{array}{ll} 5+5 &amp; 6+6 \\ 5+6 &amp; 6+4 \\ 6+5 &amp; 4+6 \end{array} \right\} 6 \text{ options}</math> </p> $\frac{6}{36} = \boxed{\frac{1}{6}}$
<p>19</p> <p>a. 1 (will always happen)</p> <p>b. 0 (will never happen)</p>	<p>20 (decimal - hundredth)</p> $\frac{1177}{2039} = \boxed{0.58}$	<p>21 (decimal - hundredth)</p> $\frac{320}{2039} = \boxed{0.16}$
<p>22 (decimal - hundredth)</p> $\frac{130}{862} = \boxed{0.15}$	<p>23 (decimal - hundredth)</p> $\frac{1589 + 1177 - 857}{2039}$ $= \boxed{0.94}$	<p>24 (decimal - hundredth)</p> $\frac{20}{52} + \frac{13}{52} - \frac{5}{52}$ $= \frac{28}{52} = \boxed{0.54}$