

$$162 \cdot 0.20 = \$32.40 \text{ pass}$$

$$\textcircled{1} 162 - 32.40 = \$129.60 \text{ for 2 tickets}$$

$$\boxed{\$64.80 \text{ per ticket}}$$

$$\textcircled{2} \frac{300}{75} = \frac{x}{100}$$

$$\boxed{x = 400\%}$$

$$\textcircled{3} \frac{3}{20} + \frac{1}{4} + \frac{1}{5}$$

$$\frac{3}{20} + \frac{5}{20} + \frac{4}{20} = \frac{12}{20} \text{ given away}$$

Kept for self  
↓

$$\frac{8}{20} = \frac{x}{100}$$

$$\boxed{x = 40\%}$$

$$\textcircled{4} \frac{15.90}{176.50} = \frac{x}{100}$$

$$\boxed{x = 9\% \text{ tax}}$$

$$\textcircled{5} \text{1st : } 62.5\%$$

$$\text{2nd : } 55\%$$

$$\text{3rd : } > \text{2nd but } < \text{1st}$$

$$\textcircled{b} 60\%$$

$$\textcircled{6} 3\frac{1}{4} + 4\frac{2}{5} + 1\frac{2}{3} = 9\frac{19}{60}$$

$$15 - 9\frac{19}{60} = 5\frac{41}{60} \text{ Remains}$$

$$\frac{5\frac{41}{60}}{15} = \boxed{37.\bar{8}\%}$$

$$\textcircled{7} 360 \cdot 3\frac{1}{2} = \$1260$$

$$\frac{x}{1260} = \frac{25}{100} = \$1071.50 \text{ on comp.}$$

$$1260 - 1071.50 =$$

$$\boxed{\$189.50 \text{ left}}$$

$$\textcircled{9} \frac{12}{x} = \frac{15}{100}$$

$$\textcircled{8} 0.06 \cdot 35.05 = \$2.10 \text{ tax} + 35.05 = \boxed{\$37.15}$$

$$\boxed{x = 80}$$

$$\textcircled{10} \quad 20\% \text{ off } \$20.95 = \$16.76$$

$$25\% \text{ off } \$25.20 = \$18.90$$

$\$2.14$  difference

$$\textcircled{11} \quad \frac{6}{16} = 0.375 = \boxed{37.5\%}$$

$$\textcircled{12} \quad \frac{1400}{4400} = 0.3181... = \boxed{32\%}$$

$$\textcircled{13} \quad \frac{7}{21} = 0.333... = \boxed{33\%}$$

$$\textcircled{14} \quad 0.75 \cdot 42 = \$31.50$$

$$1.0625 \cdot 31.50 = \boxed{\$33.47}$$

$$\textcircled{15} \quad 0.64 \cdot 52 = \boxed{\$33.28}$$

$$\textcircled{16} \quad \frac{150}{100} = \frac{x}{100} = \boxed{150\%}$$

$$\textcircled{17} \quad 0.18 \cdot 630 = \boxed{\$113.40}$$

$$\textcircled{8} \quad \text{part} = \% \cdot \text{whole} \quad x = 150 \cdot \frac{6}{11} = \boxed{\frac{9}{11} \text{ or } 0.\overline{81}}$$

$$\textcircled{9} \quad 5 \times 7 = 35$$

$$8 \times 10 = 80$$

$$\frac{45}{35} = 1.285 = 128.5\% = \boxed{129\%}$$

$$\textcircled{2) \quad 60 \cdot 0.10 = 6}$$

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 $\boxed{24 \text{ girls}}$