#1. $175 sells for $150

175
-150
$\overline{\$25.00}$ → %??

$\dfrac{\$25}{\$175}$ = 0.143 × 100% = $\boxed{14.3\%}$

#2. $15.97 → discount % ?

$\dfrac{\$15.97}{5\ tshirts}$ = $\dfrac{\$3.194}{\$15.97}$ = 0.2 × 100% = $\boxed{20\%}$

#3.   789 × 6 computers = 4734
      789 × 5 "   " = -3945
                $\overline{789 \div 4734 = 0.1667}$
                              × 100%
                            $\overline{\boxed{16.7\%}}$

#4. $249.95
      $\underline{\times 0.25}$
      62.49

      249.95
      $\underline{-\ 62.49}$
      187.46
      $\underline{\times 0.11}$
      20.62

      $187.46 + 20.62 = \boxed{\$208.08}$

5% GST + 6% PST
= 11 % taxes total
= 0.11

#5. $149
      × 0.3
    $44.70

149 - 44.70 = $104.30   5% GST
              × 0.05   = 0.05
             $5.22 taxes

$104.30 + $5.22 = $109.52

#6. (a)   249.95
          × 0.4
         $99.98

                                              5% GST
(b)   Without   with sale   8% PST
      sale   price   13%

      249.95   249.95 - 99.98   13   = 0.13
     × 0.13   = 149.97   100
     $32.49   × 0.13
                         $19.49

   32.49 - 19.49 = (13) + (99.98) = $112.98
                   saved   40%   total
                   in   off   savings
                   taxes

(c.) $112.98 = 0.452 × 100% = 45.2%
      249.95

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249.95