

<div style="text-align: right;">YH06-1A</div> <div style="text-align: left;">YH06-4A</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;">2.828427</td> <td style="width: 30%; text-align: center;">5.567764</td> <td style="width: 40%; text-align: center;"><math>\sqrt{3564} = \sqrt{99 \times 36} = 9.95 \times 6 = 59.7</math></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Ans : 59</td> </tr> <tr> <td style="text-align: center;">7.071068</td> <td style="text-align: center;">22.58318</td> <td style="text-align: center;"><math>\sqrt{17325} = \sqrt{77 \times 225} = 8.775 \times 15 = 131.625</math></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Ans : 131.625</td> </tr> <tr> <td style="text-align: center;">4.217163</td> <td style="text-align: center;">9.085603</td> <td style="text-align: center;"><math>\sqrt[3]{4536} = \sqrt[3]{21 \times 216} = 2.759 \times 6 = 16.554</math></td> </tr> <tr> <td style="text-align: center;">4.626065</td> <td style="text-align: center;">9.966555</td> <td style="text-align: center;"><math>\sqrt[3]{0.08} = \sqrt[3]{\frac{80}{1000}} = \frac{\sqrt[3]{8 \times 10}}{10} = \frac{2 \times 2.15}{10} = 0.43</math></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;"><math>\sqrt[3]{1.25} = \sqrt[3]{\frac{1250}{1000}} = \frac{\sqrt[3]{125 \times 10}}{10} = \frac{5 \times 2.15}{10} = 1.075</math></td> </tr> </table>	2.828427	5.567764	$\sqrt{3564} = \sqrt{99 \times 36} = 9.95 \times 6 = 59.7$			Ans : 59	7.071068	22.58318	$\sqrt{17325} = \sqrt{77 \times 225} = 8.775 \times 15 = 131.625$			Ans : 131.625	4.217163	9.085603	$\sqrt[3]{4536} = \sqrt[3]{21 \times 216} = 2.759 \times 6 = 16.554$	4.626065	9.966555	$\sqrt[3]{0.08} = \sqrt[3]{\frac{80}{1000}} = \frac{\sqrt[3]{8 \times 10}}{10} = \frac{2 \times 2.15}{10} = 0.43$			$\sqrt[3]{1.25} = \sqrt[3]{\frac{1250}{1000}} = \frac{\sqrt[3]{125 \times 10}}{10} = \frac{5 \times 2.15}{10} = 1.075$	
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<div style="text-align: right;">YH06-2A</div> <div style="text-align: left;">YH06-5A</div> <p> <math>120 = 2^3 \times 3 \times 5</math>  <math>a = 15</math>  <math>b = 2</math> </p> <hr/> <p> <math>a = 225</math>  <math>b = 30</math> </p> <hr/> <p> <math>5^3 - 120 = 5 \cdots X</math>  <math>120 - 4^3 = 56 \cdots Y</math> </p> <hr/> <p> <math>7^3 - 292 = 51 \cdots X</math>  <math>292 - 6^3 = 76 \cdots Y</math>  <math>X + Y = 127</math> </p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><math>\sqrt{200} = 10\sqrt{2} = 14.14214</math></td> <td style="width: 50%; text-align: center;"><math>\sqrt[3]{200} = 5.848035</math></td> </tr> <tr> <td style="text-align: center;"><math>\sqrt[3]{2900} = 14.26043</math></td> <td style="text-align: center;"><math>(8.480926)^3 = 610</math></td> </tr> <tr> <td style="text-align: center;"><math>(-4.121285)^3 = -70</math></td> <td style="text-align: center;"><math>\sqrt{\frac{529}{1521}} = \frac{23}{39}</math></td> </tr> <tr> <td style="text-align: center;"><math>\sqrt[3]{\frac{343}{512}} = \frac{7}{8}</math></td> <td></td> </tr> </table>	$\sqrt{200} = 10\sqrt{2} = 14.14214$	$\sqrt[3]{200} = 5.848035$	$\sqrt[3]{2900} = 14.26043$	$(8.480926)^3 = 610$	$(-4.121285)^3 = -70$	$\sqrt{\frac{529}{1521}} = \frac{23}{39}$	$\sqrt[3]{\frac{343}{512}} = \frac{7}{8}$														
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<div style="text-align: right;">YH06-1B</div> $\sqrt{10} = 3.162278 \quad \sqrt{15} = 3.872983$ $\sqrt{21} = 4.582576 \quad \sqrt{210} = 14.49138$ $\sqrt[3]{88} = 4.447960 \quad \sqrt[3]{880} = 9.582840$ $\sqrt[3]{100} = 4.641589 \quad \sqrt[3]{1000} = 10$	<div style="text-align: right;">YH06-4B</div> $\sqrt{6525} = \sqrt{29 \times 225} = 5.385 \times 15 = 80.775$ <p style="text-align: right;">Ans : 80</p> $\sqrt{20825} = \sqrt{17 \times 1225} = 4.123 \times 35 = 144.305$ $\sqrt[3]{17000} = 2.571 \times 10 = 25.71$ $\sqrt[3]{0.27} = \sqrt[3]{\frac{270}{1000}} = \frac{3 \times 2.154}{10} = 0.6462$ $\sqrt[3]{0.64} = \frac{\sqrt[3]{640}}{10} = \frac{4 \times 2.154}{10} = 0.8616$
<div style="text-align: right;">YH06-2B</div> <p>a = 12      b = 5</p> <p>a = 18      b = 30</p> $7 \times 7 \times 7 - 300 = 43 \cdots X$ $300 - 6^3 = 84 \cdots Y$ $6^3 - 200 = 16 \cdots X$ $200 - 5^3 = 75 \cdots Y$ $16 + 75 = 91$	<div style="text-align: right;">YH06-5B</div> $\sqrt{170} = 13.04 \quad \sqrt{300} = 17.32$ $\sqrt[3]{300} = 6.69$ $\sqrt[3]{\frac{216}{729}} = \frac{6}{9} = \frac{2}{3} \quad (15.81139)^2 = 250$ $(-13.38866)^3 = -2400$
<div style="text-align: right;">YH06-3B</div> $27 < X < 125$ $124 - 27 = 97 \quad \text{Ans : 97個}$ $512 < X < 1331$ $1330 - 512 = 818 \quad \text{Ans : 818個}$ <p>&lt;1&gt; <math>\sqrt{330} = 1.817 \times 10 = 18.17</math></p> <p>&lt;2&gt; <math>\sqrt{3300} = 5.745 \times 10 = 57.45</math></p> <p>&lt;1&gt; <math>\sqrt[3]{330000} = 6.98 \times 10 = 69.8</math></p> <p>&lt;2&gt; <math>\sqrt[3]{0.0033} = \frac{\sqrt[3]{3300}}{100} = 0.14888</math></p>	<div style="text-align: right;">YH06-6B</div> $\sqrt{3500} = 59.16 \quad \sqrt[3]{35000} = 32.71$ $\sqrt[3]{\frac{4096}{4913}} = \frac{16}{17}$ $\sqrt[3]{99} = 4.63 \quad \sqrt[3]{99000} = 46.26$ $\sqrt[3]{\frac{8}{27000}} = \frac{2}{30} = \frac{1}{15}$