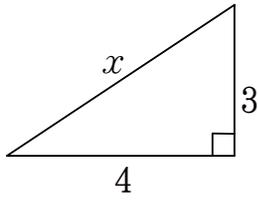
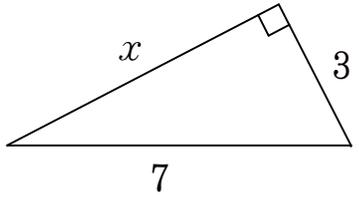
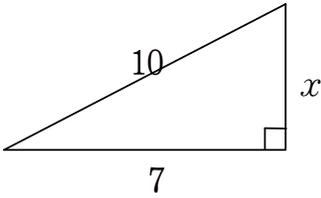
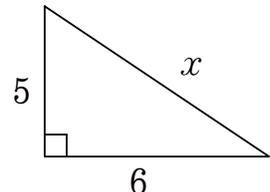
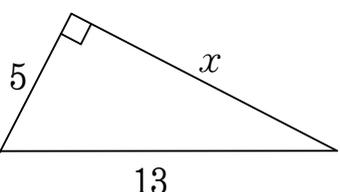
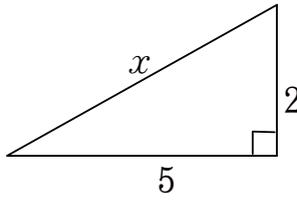
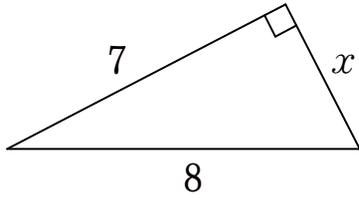
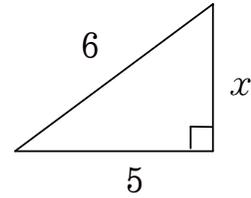
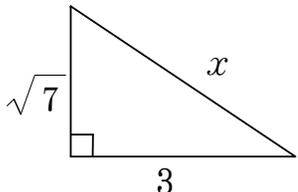
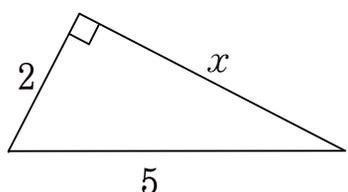
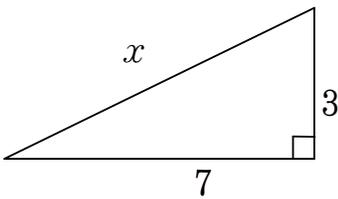
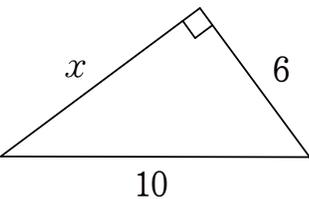
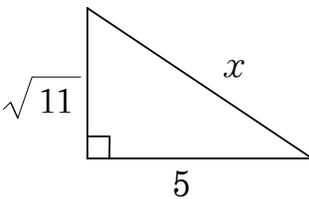
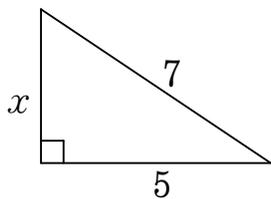
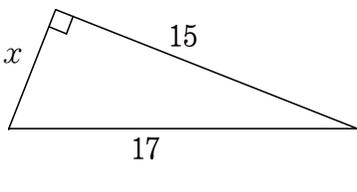
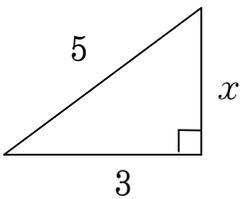
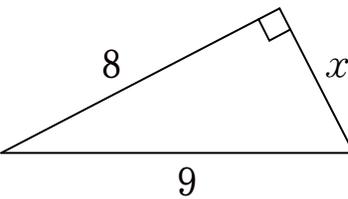
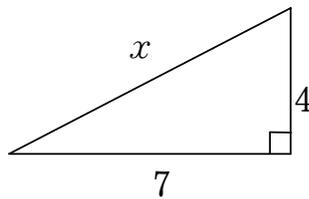


<h2 style="text-align: center;">三平方の定理 1</h2>	<p>①</p> $4^2 + 3^2 = x^2$ $x^2 = 16 + 9 \quad x > 0 \text{ だから}$ $x^2 = 25 \quad x = 5$
<p style="text-align: center;">3年 組 番</p>	
<p>氏名</p>	
<p>次の直角三角形で、残りの辺の長さを求めよ。</p>	
<p>②</p> $x^2 + 3^2 = 7^2$ $x^2 = 49 - 9 \quad x > 0 \text{ だから}$ $x^2 = 40 \quad x = 2\sqrt{10}$ 	<p>③</p> $7^2 + x^2 = 10^2$ $x^2 = 100 - 49 \quad x > 0 \text{ だから}$ $x^2 = 51 \quad x = \sqrt{51}$ 
<p>④</p> $6^2 + 5^2 = x^2$ $x^2 = 36 + 25 \quad x > 0 \text{ だから}$ $x^2 = 61 \quad x = \sqrt{61}$ 	<p>⑤</p> $x^2 + 5^2 = 13^2$ $x^2 = 169 - 25 \quad x > 0 \text{ だから}$ $x^2 = 144 \quad x = 12$ 

<h2 style="text-align: center;">三平方の定理 2</h2>	<p>①</p> $5^2 + 2^2 = x^2$ $x^2 = 25 + 4 \quad x > 0 \text{ だから}$ $x^2 = 29 \quad x = \sqrt{29}$
<p style="text-align: center;">3年 組 番</p>	
<p>氏名</p>	
<p>次の直角三角形で、残りの辺の長さを求めよ。</p>	
<p>②</p> $x^2 + 7^2 = 8^2$ $x^2 = 64 - 49 \quad x > 0 \text{ だから}$ $x^2 = 15 \quad x = \sqrt{15}$ 	<p>③</p> $5^2 + x^2 = 6^2$ $x^2 = 36 - 25 \quad x > 0 \text{ だから}$ $x^2 = 11 \quad x = \sqrt{11}$ 
<p>④</p> $3^2 + (\sqrt{7})^2 = x^2$ $x^2 = 9 + 7 \quad x > 0 \text{ だから}$ $x^2 = 16 \quad x = 4$ 	<p>⑤</p> $x^2 + 2^2 = 5^2$ $x^2 = 25 - 4 \quad x > 0 \text{ だから}$ $x^2 = 21 \quad x = \sqrt{21}$ 

三平方の定理 3	
3年 組 番	① $7^2 + 3^2 = x^2$ $x^2 = 49 + 9$ $x > 0$ だから $x^2 = 58$ $x = \sqrt{58}$
氏名	
次の直角三角形で、残りの辺の長さを求めよ。	
②	③
$x^2 + 6^2 = 10^2$ $x^2 = 100 - 36$ $x > 0$ だから $x^2 = 64$ $x = 8$	$5^2 + (\sqrt{11})^2 = x^2$ $x^2 = 25 + 11$ $x > 0$ だから $x^2 = 36$ $x = 6$
	
④	⑤
$x^2 + 5^2 = 7^2$ $x^2 = 49 - 25$ $x > 0$ だから $x^2 = 24$ $x = 2\sqrt{6}$	$x^2 + 15^2 = 17^2$ $x^2 = 289 - 225$ $x > 0$ だから $x^2 = 64$ $x = 8$
	

三平方の定理 4	
3年 組 番	① $3^2 + x^2 = 5^2$ $x^2 = 25 - 9$ $x > 0$ だから $x^2 = 16$ $x = 4$
氏名	
次の直角三角形で、残りの辺の長さを求めよ。	
②	③
$x^2 + 8^2 = 9^2$ $x^2 = 81 - 64$ $x > 0$ だから $x^2 = 17$ $x = \sqrt{17}$	$7^2 + 4^2 = x^2$ $x^2 = 49 + 16$ $x > 0$ だから $x^2 = 65$ $x = \sqrt{65}$
	
④	⑤
$x^2 + 3^2 = (3\sqrt{5})^2$ $x^2 = 45 - 9$ $x > 0$ だから $x^2 = 36$ $x = 6$	$5^2 + 12^2 = x^2$ $x^2 = 144 + 25$ $x > 0$ だから $x^2 = 169$ $x = 13$
