

解答

1. 三平方の定理 1

$$(1) x = 4\sqrt{5} \\ S = 16$$

$$(2) x = 7\sqrt{2} \\ S = \frac{49}{2}$$

$$(3) x = 3\sqrt{10} \\ S = \frac{27}{2}$$

$$(4) x = 3\sqrt{13} \\ S = 27$$

$$(5) x = \sqrt{34} \\ S = \frac{15}{2}$$

$$(6) x = 5 \\ S = 6$$

$$(7) x = \frac{\sqrt{15}}{2} \\ S = \frac{7\sqrt{15}}{2}$$

$$(8) x = \sqrt{5} \\ S = \sqrt{5}$$

$$(9) x = 2\sqrt{3} \\ S = 2\sqrt{3}$$

3. 三平方の定理 1

$$(1) x = 2\sqrt{5} \\ S = 4$$

$$(2) x = 10 \\ S = 24$$

$$(3) x = \sqrt{29} \\ S = 5$$

$$(4) x = 7\sqrt{2} \\ S = \frac{49}{2}$$

$$(5) x = 2\sqrt{13} \\ S = 12$$

$$(6) x = 3\sqrt{10} \\ S = \frac{27}{2}$$

$$(7) x = 3 \\ S = 6$$

$$(8) x = 2\sqrt{21} \\ S = 4\sqrt{21}$$

$$(9) x = \frac{\sqrt{11}}{2} \\ S = \frac{5\sqrt{11}}{2}$$

5. 三平方の定理 1

$$(1) x = 2\sqrt{5} \\ S = 4$$

$$(2) x = 10 \\ S = 24$$

$$(3) x = \sqrt{29} \\ S = 5$$

$$(4) x = 3\sqrt{10} \\ S = \frac{27}{2}$$

$$(5) x = 2\sqrt{13} \\ S = 12$$

$$(6) x = 5\sqrt{2} \\ S = \frac{25}{2}$$

$$(7) x = 5\sqrt{3} \\ S = \frac{25\sqrt{3}}{2}$$

$$(8) x = \sqrt{21} \\ S = \sqrt{21}$$

$$(9) x = \sqrt{13} \\ S = 3\sqrt{13}$$

7. 三平方の定理 1

$$(1) x = \frac{\sqrt{10}}{2} \\ S = \frac{3}{2}$$

$$(2) x = 3\sqrt{5} \\ S = 9$$

$$(3) x = 10 \\ S = 24$$

$$(4) x = \sqrt{29} \\ S = 5$$

$$(5) x = \sqrt{13} \\ S = 3$$

$$(6) x = \frac{\sqrt{34}}{2} \\ S = \frac{15}{2}$$

$$(7) x = \frac{\sqrt{21}}{2} \\ S = \sqrt{21}$$

$$(8) x = 2\sqrt{3} \\ S = 2\sqrt{3}$$

$$(9) x = 4 \\ S = 6$$

2. 三平方の定理 1

$$(1) x = 3\sqrt{5} \\ S = 9$$

$$(2) x = \sqrt{29} \\ S = 5$$

$$(3) x = 5\sqrt{2} \\ S = \frac{25}{2}$$

$$(4) x = \sqrt{13} \\ S = 3$$

$$(5) x = \frac{\sqrt{34}}{2} \\ S = \frac{15}{2}$$

$$(6) x = \frac{\sqrt{10}}{2} \\ S = \frac{3}{2}$$

$$(7) x = \frac{\sqrt{11}}{2} \\ S = \frac{5\sqrt{11}}{2}$$

$$(8) x = \sqrt{21} \\ S = \sqrt{21}$$

$$(9) x = 4 \\ S = 6$$

4. 三平方の定理 1

$$(1) x = 3\sqrt{5} \\ S = 9$$

$$(2) x = 10 \\ S = 24$$

$$(3) x = \sqrt{29} \\ S = 5$$

$$(4) x = \frac{\sqrt{34}}{2} \\ S = \frac{15}{2}$$

$$(5) x = 2\sqrt{13} \\ S = 12$$

$$(6) x = 4\sqrt{2} \\ S = 8$$

$$(7) x = 2\sqrt{6} \\ S = 5\sqrt{6}$$

$$(8) x = \sqrt{33} \\ S = 2\sqrt{33}$$

$$(9) x = 4 \\ S = 6$$

6. 三平方の定理 1

$$(1) x = 2\sqrt{5} \\ S = 4$$

$$(2) x = 10 \\ S = 24$$

$$(3) x = \frac{\sqrt{34}}{2} \\ S = \frac{15}{2}$$

$$(4) x = \sqrt{29} \\ S = 5$$

$$(5) x = \sqrt{13} \\ S = 3$$

$$(6) x = \frac{\sqrt{2}}{2} \\ S = \frac{1}{2}$$

$$(7) x = \frac{\sqrt{5}}{2} \\ S = \sqrt{5}$$

$$(8) x = \frac{\sqrt{17}}{4} \\ S = 4\sqrt{17}$$

$$(9) x = 4\sqrt{2} \\ S = 14\sqrt{2}$$

8. 三平方の定理 1

$$(1) x = \frac{7\sqrt{2}}{2} \\ S = \frac{49}{2}$$

$$(2) x = 3\sqrt{10} \\ S = \frac{27}{2}$$

$$(3) x = 2\sqrt{5} \\ S = 4$$

$$(4) x = 10 \\ S = 24$$

$$(5) x = 3\sqrt{13} \\ S = 27$$

$$(6) x = \frac{\sqrt{34}}{2} \\ S = \frac{15}{2}$$

$$(7) x = \frac{\sqrt{11}}{2} \\ S = \frac{5\sqrt{11}}{2}$$

$$(8) x = 3\sqrt{3} \\ S = \frac{9\sqrt{3}}{2}$$

$$(9) x = 2\sqrt{6} \\ S = 5\sqrt{6}$$