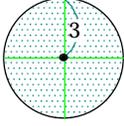
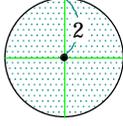
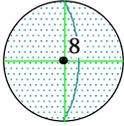
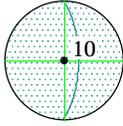
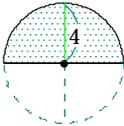
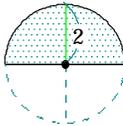
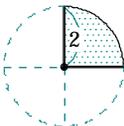
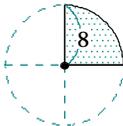


1. 次の図形の面積を求めよ。

"•"は円、弧の中心、円周率は π とする。

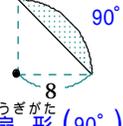
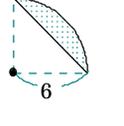
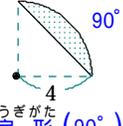
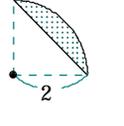
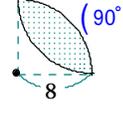
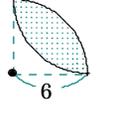
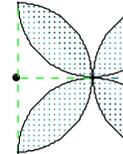
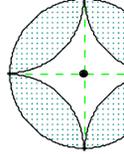
Find the area of the following figures. "•" is the center of a circle or an arc.
The circular constant is π .

れいだい 例題	もんだい 問題
 $\times 3^2$ $= \underline{9}$	
 $\times 4^2$ $= \underline{16}$	
 180° の おうぎがた 扇形 $\times 4^2 \div 2$ $= \underline{8}$	
 90° の おうぎがた 扇形 $\times 2^2 \div 4$ $= \underline{\quad}$	
 45° の おうぎがた 扇形 $\times 8^2 \div 8$ $= \underline{8}$	

2. 次の図形の面積を求めよ。

"•"は円、弧の中心、円周率は π とする。

Find the area of the following figures. "•" is the center of a circle or an arc.
The circular constant is π .

れいだい 例題	もんだい 問題
 90° の おうぎがた - さんかくけい 扇形 (90°) $\times 8^2 \div 4 = 16$ さんかくけい 三角形 $8 \times 8 \div 2 = 32$ ずけい めんせき 図形の面積 $\underline{16 - 32}$	
 90° の おうぎがた - さんかくけい 扇形 (90°) $\times 4^2 \div 4 = 4$ さんかくけい 三角形 $4 \times 4 \div 2 = 8$ ずけい めんせき 図形の面積 $\underline{4 - 8}$	
 $(90^\circ$ の おうぎがた - さんかくけい) $\times 2$ $(16 - 32) \times 2$ $= \underline{32 - 64}$	
 $(32 - 64) \times 4$ $= \underline{128 - 256}$	

基礎数学 円の面積 2 課題

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1. 次の図形の面積を求めよ。

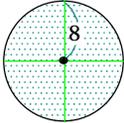
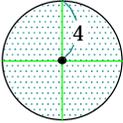
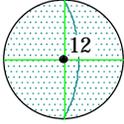
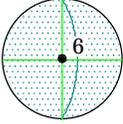
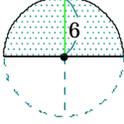
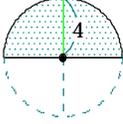
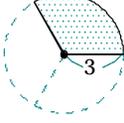
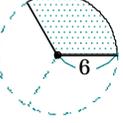
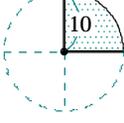
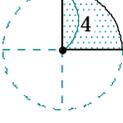
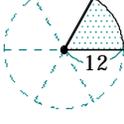
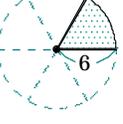
"•"は円、弧の中心、円周率は π とする。

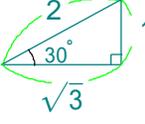
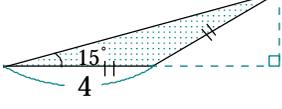
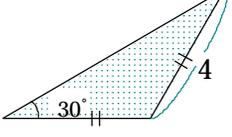
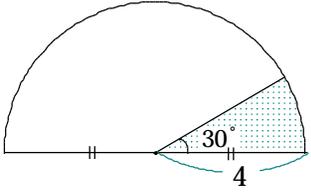
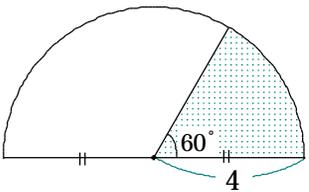
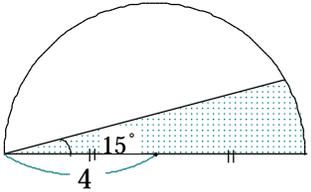
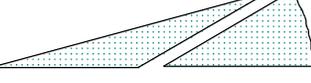
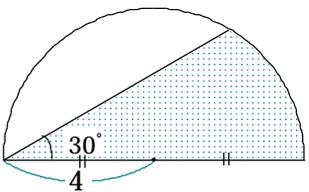
Find the area of the following figures. "•" is the center of a circle or an arc.
The circular constant is π .

2. 次の図形の面積を求めよ。

"•"は円、弧の中心、円周率は π とする。

Find the area of the following figures. "•" is the center of a circle or an arc.
The circular constant is π .

例題	問題
 <p>$\times 8^2$</p> <p>= <u>64</u></p>	
 <p>$\times 6^2$</p> <p>= <u>36</u></p>	
 <p>180° の おうぎがた 扇形</p> <p>$\times 6^2 \div 2$</p> <p>= <u>18</u></p>	
 <p>120° の おうぎがた 扇形</p> <p>$\times 3^2 \div 3$</p> <p>= <u>3</u></p>	
 <p>90° の おうぎがた 扇形</p> <p>$\times 10^2 \div 4$</p> <p>= <u>25</u></p>	
 <p>60° の おうぎがた 扇形</p> <p>$\times 12^2 \div 6$</p> <p>= <u>24</u></p>	

例題	問題
  <p>30° の直角三角形の2倍</p> <p>底辺 $2\sqrt{3}$, 高さ2</p> <p>$2\sqrt{3} \times 2 \div 2$</p> <p>= <u>$2\sqrt{3}$</u></p>	 
 <p>右は30° の直角三角形</p>  <p>高さ2より,</p> <p>$4 \times 2 \div 2$</p> <p>= <u>4</u></p>	
 <p>$\times 4^2 \div 12$</p> <p>= $\frac{16}{12} = \frac{4}{3}$</p>	
  <p>$4 + \frac{4}{3}$</p>	

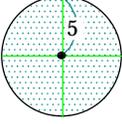
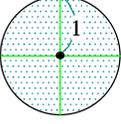
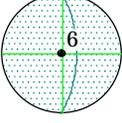
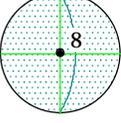
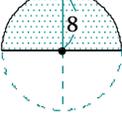
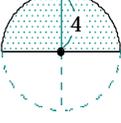
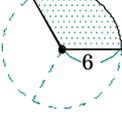
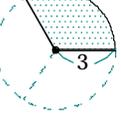
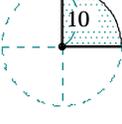
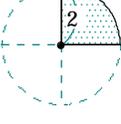
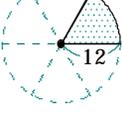
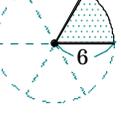
基礎数学 円の面積 3 課題

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1. 次の図形の面積を求めよ。

"•"は円、弧の中心、円周率は π とする。

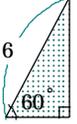
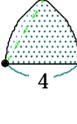
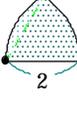
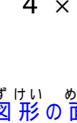
Find the area of the following figures. "•" is the center of a circle or an arc.
The circular constant is π .

例題	問題
 $\times 5^2$ $= \underline{25}$	
 $\times 3^2$ $= \underline{9}$	
 180° の 扇形 $\times 4^2 \div 2$ $= \underline{32}$	
 120° の 扇形 $\times 6^2 \div 3$ $= \underline{12}$	
 90° の 扇形 $\times 10^2 \div 4$ $= \underline{25}$	
 60° の 扇形 $\times 12^2 \div 6$ $= \underline{24}$	

2. 次の図形の面積を求めよ。

"•"は円、弧の中心、円周率は π とする。

Find the area of the following figures. "•" is the center of a circle or an arc.
The circular constant is π .

例題	問題
 60° の基準の三角形の 2倍だから 底辺 2 , 高さ $2\sqrt{3}$ $2 \times 2\sqrt{3} \div 2$ $= \underline{2\sqrt{3}}$	
 60° の扇形 - 三角形 扇形 (60°) $\times 2^2 \div 6 = \frac{2}{3}$ 三角形 (60°) $2 \times \sqrt{3} \div 2 = \sqrt{3}$	
 60° の扇形 $\times 2$ - 三角形 扇形 (60°) $\times 4^2 \div 6 = \frac{8}{3}$ 三角形 (60°) $4 \times 2\sqrt{3} \div 2 = 4\sqrt{3}$	
 扇形 (60°) $\times 6^2 \div 6 = 6$ 三角形 (60°) $6 \times \sqrt{3} \div 2 = 3\sqrt{3}$ $\underline{\underline{6 - 3\sqrt{3}}}$	

基礎数学 ^{えん めんせき かだい} 円の面積 4 課題

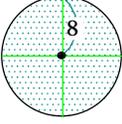
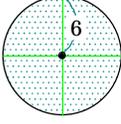
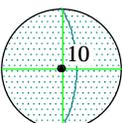
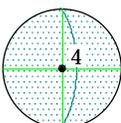
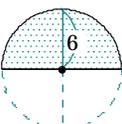
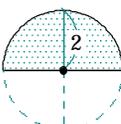
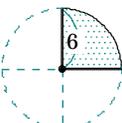
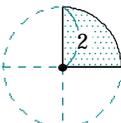
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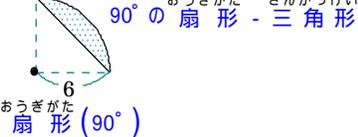
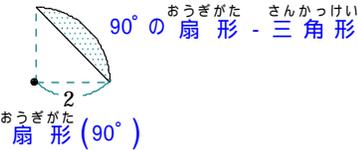
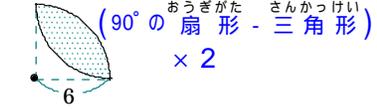
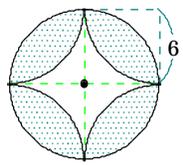
1. 次の図形の面積を求めよ。

"•"は円、弧の中心、円周率は π とする。
Find the area of the following figures. "•" is the center of a circle or an arc.
The circular constant is π .

2. 次の図形の面積を求めよ。

"•"は円、弧の中心、円周率は π とする。
Find the area of the following figures. "•" is the center of a circle or an arc.
The circular constant is π .

れいだい 例題	もんだい 問題
 $\times 8^2$ <u>= 64</u>	
 $\times 5^2$ <u>= 25</u>	
 180° の おうぎがた 扇形 $\times 6^2 \div 2$ <u>= 18</u>	
 90° の おうぎがた 扇形 $\times 6^2 \div 4$ <u>= 9</u>	
 45° の おうぎがた 扇形 $\times 4^2 \div 8$ <u>= 2</u>	

れいだい 例題	もんだい 問題
 90° の おうぎがた 扇形 (90°) $\times 6^2 \div 4 = 9$ さんかっけい 三角形 $6 \times 6 \div 2 = 18$ ずけい めんせき 図形の面積 <u>9 - 18</u>	
 90° の おうぎがた 扇形 (90°) $\times 2^2 \div 4 =$ さんかっけい 三角形 $2 \times 2 \div 2 = 2$ ずけい めんせき 図形の面積 <u>- 2</u>	
 (90° の おうぎがた 扇形 - さんかっけい 三角形) $\times 2$ $(9 - 18) \times 2$ <u>= 18 - 36</u>	
 $(18 - 36) \times 4$ <u>= 72 - 144</u>	