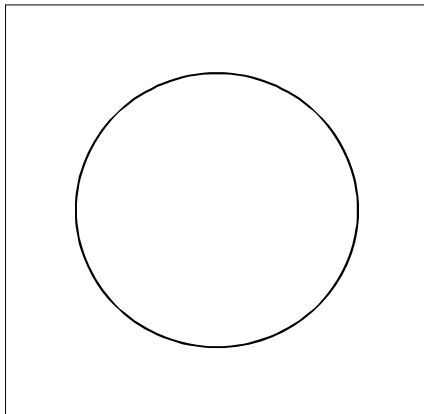


P. 1 復習No.1

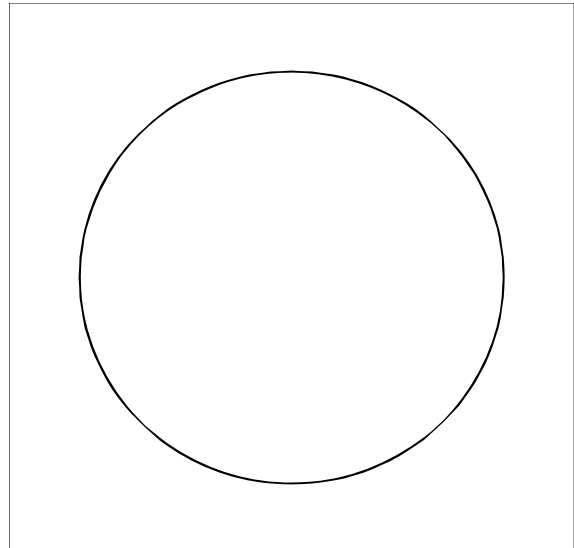
(1) ① (中心) ② (半径) ③ (直径)

(2) ① (中心) ② (5) ③ (8) ④ (2)

(3) ①



②



P. 2 復習No.2

(1) ① [式] $3 \times 3 = 9$ 答え ($9cm$)② [式] $5 \times 2 + 3 = 13$ 答え ($13cm$)(2) ① [式] $4 \times 4 = 16$ 答え ($16cm$)② [式] $2 \times 2 + 3 \times 2 = 10$ 答え ($10cm$)

P. 3 復習No.3

(1) ① [式] $6 \times 3 = 18$ 答え ($18cm^2$)② [式] $8 \times 4 \div 2 = 16$ 答え ($16cm^2$)

P. 4 復習No.4

(1) ① [式] $10 \times 3.14 = 31.4$ 答え ($31.4cm$)② [式] $20 \times 3.14 = 62.8$ 答え ($62.8cm$)③ [式] $5 \times 2 \times 3.14 = 31.4$ 答え ($31.4cm$)④ [式] $3 \times 2 \times 3.14 = 18.84$ 答え ($18.84cm$)

601-2 小6SS 円の面積

P. 5 復習No.5

- (1) ① [式] $8 \times 3.14 = 25.12$ 答え ($25.12cm$)
 ② [式] $1 \times 2 \times 3.14 = 6.28$ 答え ($6.28cm$)
 ③ [式] $1 \times 3.14 = 3.14$ 答え ($3.14cm$)
 ④ [式] $2 \times 2 \times 3.14 = 12.56$ 答え ($12.56cm$)
- (2) ① [式] $1.5 \times 2 \times 3.14 = 9.42$ 答え ($9.42cm$)
 ② [式] $10 \times 3.14 = 31.4$ 答え ($31.4cm$)

P. 6 復習No.6

- (1) (2)
- (2) [式] $15 \div 3 = 5$ 答え ($5cm$)
- (3) [式] $120 \div 3 = 40$ 答え ($40m$)
- (4) [式] $27 \div 3 = 9$ 答え ($9cm$)
- (5) [式] $60 \div 3 = 20, 20 \div 2 = 10$ 答え ($10cm$)

P. 7 円の面積No.1

- (1) ① ($4cm^2$) ② (小さい) ③ (4倍)
- (2) ① ($8cm^2$) ② (大きい) ③ (2倍)
- (3) (2) (4)

P. 9 円の面積No.3

- (1) ① [式] $2 \times 2 \times 3.14 = 12.56$ 答え ($12.56cm^2$)
 ② [式] $10 \times 10 \times 3.14 = 314$ 答え ($314cm^2$)
 ③ [式] $2 \div 2 = 1, 1 \times 1 \times 3.14 = 3.14$ 答え ($3.14cm^2$)
 ④ [式] $6 \div 2 = 3, 3 \times 3 \times 3.14 = 28.26$ 答え ($28.26cm^2$)

601-2 小6SS 円の面積

P. 10 円の面積No. 4

- (1) ① [式] $15 \times 15 \times 3.14 = 706.5$ 答え (706.5cm^2)
 ② [式] $25 \times 25 \times 3.14 = 1962.5$ 答え (1962.5cm^2)
 ③ [式] $30 \div 2 = 15$, $15 \times 15 \times 3.14 = 706.5$ 答え (706.5cm^2)
 ④ [式] $50 \div 2 = 25$, $25 \times 25 \times 3.14 = 1962.5$ 答え (1962.5cm^2)
- (2) ① [式] $4 \times 4 \times 3.14 \div 2 = 25.12$ 答え (25.12cm^2)
 ② [式] $6 \times 6 \times 3.14 \div 4 = 28.26$ 答え (28.26cm^2)

P. 11 円の面積No. 5

- (1) ① [式] $10 \div 2 = 5$, $5 \times 5 \times 3.14 \div 2 = 39.25$ 答え (39.25cm^2)
 ② [式] $2 \times 2 \times 3.14 \div 4 = 3.14$ 答え (3.14cm^2)
 ③ [式] $8 \times 8 \times 3.14 - 4 \times 4 \times 3.14 = 150.72$ 答え (150.72cm^2)
 ④ [式] $2 \times 2 \times 3.14 - 1 \times 1 \times 3.14 = 9.42$ 答え (9.42cm^2)

P. 12 円の面積No. 6

- (1) ① [式] $8 \times 8 \times 3.14 \div 2 + 4 \times 4 \times 3.14 \div 2 = 125.6$ 答え (125.6cm^2)
 ② [式] $10 \times 10 \times 3.14 \div 2 + 5 \times 5 \times 3.14 = 235.5$ 答え (235.5cm^2)
 ③ [式] $20 \times 20 - 10 \times 10 \times 3.14 = 86$ 答え (86cm^2)
 ④ [式] $6 \times 6 \times 3.14 \div 2 = 56.52$ 答え (56.52cm^2)

P. 13 円の面積No. 7

- (1) ① [式] $4 \times 4 \times 3.14 \div 2 - 2 \times 2 \times 3.14 \div 2 = 18.84$ 答え (18.84cm^2)
 ② [式] $8 \times 8 \times 3.14 \div 2 - 4 \times 4 \times 3.14 \div 2 = 75.36$ 答え (75.36cm^2)
 ③ [式] $10 \times 10 - 10 \times 10 \times 3.14 \div 4 = 21.5$ 答え (21.5cm^2)
 ④ [式] $6 \times 6 \times 3.14 - 3 \times 3 \times 3.14 \times 2 = 56.52$ 答え (56.52cm^2)

P. 14 円の面積No. 8

- (1) ① [式] $10 \times 10 \times 3.14 \div 4 - 10 \times 10 \div 2 = 28.5$ 答え (28.5cm^2)
 ② [式] $28.5 \times 2 = 57$ 答え (57cm^2)

601-2 小6SS 円の面積

P. 15 円のまわりの長さと同面積No. 1

- (1) ① [式] $2 \times 2 = 4$ 答え ($4cm$)
 ② [式] $4 \times 2 = 8$ 答え ($8cm$)
 ③ [式] $8 \div 4 = 2$ 答え (2倍)
- (2) ① [式] $4 \times 3.14 = 12.56$ 答え ($12.56cm$)
 ② [式] $8 \times 3.14 = 25.12$ 答え ($25.12cm$)
 ③ [式] $25.12 \div 12.56 = 2$ 答え (2倍)

P. 16 円のまわりの長さと同面積No. 2

- (1) ① [式] $2 \times 2 \times 3.14 = 12.56$ 答え ($12.56cm^2$)
 ② [式] $4 \times 4 \times 3.14 = 50.24$ 答え ($50.24cm^2$)
 ③ [式] $50.24 \div 12.56 = 4$ 答え (4倍)
- (2) ① [式] $10 \times 3.14 = 31.4$, $20 \times 3.14 = 62.8$, $62.8 \div 31.4 = 2$ 答え (2倍)
 ② [式] $5 \times 5 \times 3.14 = 78.5$, $10 \times 10 \times 3.14 = 314$, $314 \div 78.5 = 4$ 答え (4倍)

P. 17 円のまわりの長さと同面積No. 3

- (1) ① [式] $5 \times 2 = 10$, $10 \times 3.14 \div 2 + 10 = 25.7$ 答え ($25.7cm$)
 ② [式] $5 \times 5 \times 3.14 \div 2 = 39.25$ 答え ($39.25cm^2$)
- (2) ① [式] $1 \times 2 = 2$, $2 \times 3.14 \div 2 + 2 = 5.14$ 答え ($5.14cm$)
 ② [式] $1 \times 1 \times 3.14 \div 2 = 1.57$ 答え ($1.57cm^2$)

P. 18 円のまわりの長さと同面積No. 4

- (1) ① [式] $3 \times 2 = 6$, $6 \times 3.14 \div 4 + 3 \times 2 = 10.71$ 答え ($10.71cm$)
 ② [式] $3 \times 3 \times 3.14 \div 4 = 7.065$ 答え ($7.065cm^2$)
- (2) ① [式] $10 \times 2 = 20$, $20 \times 3.14 \div 4 + 10 \times 2 = 35.7$ 答え ($35.7cm$)
 ② [式] $10 \times 10 \times 3.14 \div 4 = 78.5$ 答え ($78.5cm^2$)

601-2 小6SS 円の面積

P. 19 円のまわりの長さとの面積No. 5

- (1) ① [式] $6.28 \div 3.14 = 2$ 答え ($2cm$)
- ② [式] $2 \div 2 = 1, 1 \times 1 \times 3.14 = 3.14$ 答え ($3.14cm^2$)
- (2) ① [式] $18.84 \div 3.14 = 6$ 答え ($6cm$)
- ② [式] $6 \div 2 = 3, 3 \times 3 \times 3.14 = 28.26$ 答え ($28.26cm^2$)

P. 20 円のまわりの長さとの面積No. 6

- (1)

2

4

2

4

- (2) ①

4

2

4

2

6

18.84

- ②

2

2

1

1

4

1

3

9.42

P. 21 円のまわりの長さとの面積No. 7

- (1) ① [式] $8 \times 3.14 \div 2 + 4 \times 3.14 = (4+4) \times 3.14 = 8 \times 3.14 = 25.12$ 答え ($25.12cm$)
- ② [式] $4 \times 4 \times 3.14 \div 2 - 2 \times 2 \times 3.14 = (8-4) \times 3.14 = 4 \times 3.14 = 12.56$
答え ($12.56cm^2$)
- (2) ① [式] $8 \times 3.14 \div 2 + 2 \times 3.14 \div 2 + 6 \times 3.14 \div 2 = (4+1+3) \times 3.14 = 8 \times 3.14 = 25.12$
答え ($25.12cm$)
- ② [式] $4 \times 4 \times 3.14 \div 2 - 1 \times 1 \times 3.14 \div 2 - 3 \times 3 \times 3.14 \div 2 = (8-0.5-4.5) \times 3.14 = 3 \times 3.14 = 9.42$
答え ($9.42cm^2$)

P. 22 円のまわりの長さとの面積No. 8

- (1) [式] $12 \times 3.14 = 37.68$ 答え ($37.68cm$)
- (2) ① [式] $12 \times 3.14 \div 2 + 6 \times 3.14 = (6+6) \times 3.14 = 12 \times 3.14 = 37.68$ 答え ($37.68cm$)
- ② [式] $12 \times 3.14 \div 2 + 4 \times 3.14 \div 2 + 8 \times 3.14 \div 2 = (6+2+4) \times 3.14 = 12 \times 3.14 = 37.68$
答え ($37.68cm$)
- ③ [式] $12 \times 3.14 \div 2 + 2 \times 3.14 \div 2 + 4 \times 3.14 \div 2 + 6 \times 3.14 \div 2 = (6+1+2+3) \times 3.14 = 12 \times 3.14 = 37.68$
答え ($37.68cm$)

【まとめの問題】 第1回 (1/3)

1 ① (円周) ② (円周率) ③ (3.14) ④ (直径)

⑤ (半径) (半径)

2 ① (□×円周率) ②

6.28	9.42	12.56
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 ③ (3.14cm ずつふえる)

④ (2倍, 3倍になる)

【まとめの問題】 第1回 (2/3)

3 ① [式] $4 \times 3.14 = 12.56$ 答え (12.56cm)② [式] $2 \times 2 \times 3.14 = 12.56$ 答え (12.56cm^2)4 [式] $6 \times 6 \times 3.14 \div 2 = 56.52$ または, $6 \times 6 \times 3.14 \div 2 = 56.52$, $3 \times 3 \times 3.14 \div 2 = 14.13$, $56.52 + 14.13 - 14.13 = 56.52$ 答え (56.52cm^2)5 [式] $12 \times 3.14 \div 2 = 18.84$, $6 \times 3.14 \div 2 = 9.42$, $18.84 + 9.42 \times 2 = 37.68$ 答え (37.68cm)

【まとめの問題】 第1回 (3/3)

6 [式] $4 \times 4 \times 3.14 \div 2 = 25.12$ 答え (25.12cm^2)7 [式] $4 \times 4 \times 3.14 \div 4 = 12.56$ 答え (12.56cm^2)8 [式] $4 \times 4 \times 3.14 = 50.24$, $8 \times 8 \times 3.14 = 200.96$, $200.96 \div 50.24 = 4$ 答え (4倍)9 [式] $8 \times 3.14 = 25.12$, $16 \times 3.14 = 50.24$, $50.24 \div 25.12 = 2$ 答え (2倍)

【まとめの問題】 第2回 (1/3)

1 ① (円周率) ② (3.14) ③ (直径) ④ (半径) (半径)

2 ① ($\square \times \square \times \text{円周率}$) ②

12.56	28.26
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 ③ (4倍, 9倍になる)

【まとめの問題】 第2回 (2/3)

3 ① [式] $6 \times 3.14 = 18.84$ 答え (18.84cm)

② [式] $3 \times 3 \times 3.14 = 28.26$ 答え (28.26cm^2)

4 ① [式] $4 \times 4 \times 3.14 = 50.24$ 答え (50.24cm^2)

② [式] $6 \times 6 \times 3.14 = 113.04$ 答え (113.04cm^2)

③ [式] $5 \times 5 \times 3.14 = 78.5$, $2 \times 2 \times 3.14 = 12.56$, $78.5 - 12.56 = 65.94$

答え (65.94cm^2)

【まとめの問題】 第2回 (3/3)

5 ① [式] $6 \times 6 \times 3.14 \div 2 = 56.52$ 答え (56.52cm^2)

② [式] $10 \times 10 \times 3.14 \div 2 = 157$, $5 \times 5 \times 3.14 \div 2 = 39.25$, $157 + 39.25 = 196.25$

答え (196.25cm^2)

③ [式] $10 \times 10 \times 3.14 = 314$, $5 \times 5 \times 3.14 = 78.5$, $314 - 78.5 \times 2 = 157$

答え (157cm^2)

6 [式] $2 \times 2 \times 3.14 = 12.56$, $4 \times 4 \times 3.14 = 50.24$, $50.24 \div 12.56 = 4$ 答え (4倍)

