

P. 1 図形の復習 No. 1

- 1 ① (三角形) ② (直角三角形) ③ (正三角形)
④ (二等辺三角形) ⑤ (平行四辺形) ⑥ (台形)
⑦ (ひし形) ⑧ (正方形) ⑨ (長方形)

P. 2 正多角形とは? No. 1

- 1 ① (三角形) ② (五角形) ③ (七角形)
2 ● (2cm)
● (135°)

P. 3 正多角形とは? No. 2

- 1 ① ● (2cm)
● (108°)
② ● (2cm)
● (120°)
2 ① (○) ② (×) ③ (○)
④ (×) ⑤ (×) ⑥ (×)

P. 4 正多角形とは? No. 3

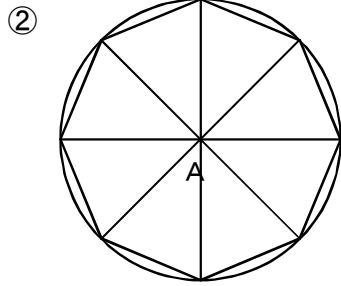
- 1 ① (正三角形) ② (正方形) ③ (正五角形)
④ (正六角形) ⑤ (正八角形) ⑥ (正九角形)
⑦ (正十角形) ⑧ (正十二角形)

P. 5 正多角形のかき方 No. 1

1 ① (2cm) ② (60°) (120°)

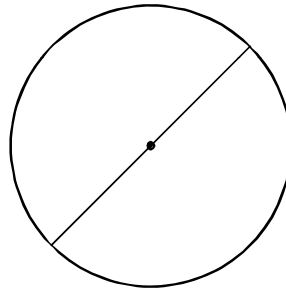
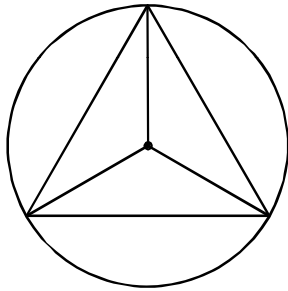
③ (正六角形)

2 ① (8) (45) 答え (45°)

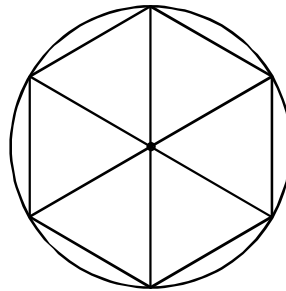
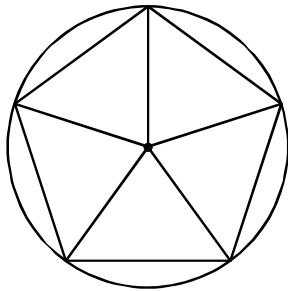


P. 6 正多角形のかき方 No. 2

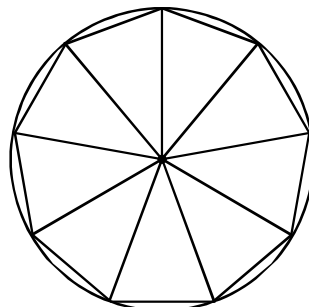
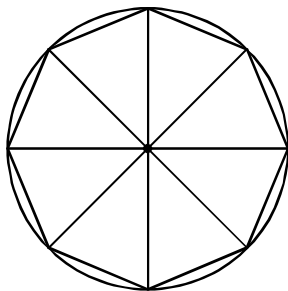
1 ① (120°) ② (90°)



③ (72°) ④ (60°)



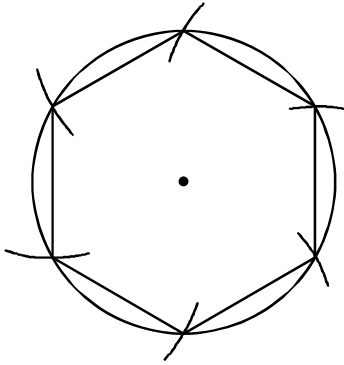
⑤ (45°) ⑥ (40°)



P. 7 正多角形のかき方 No. 3

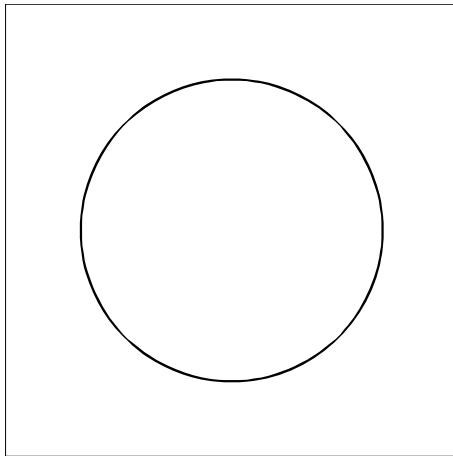
- ① (正) (辺) ② (60) (120)
 ③ (6つ) (角) (正六角形)

②

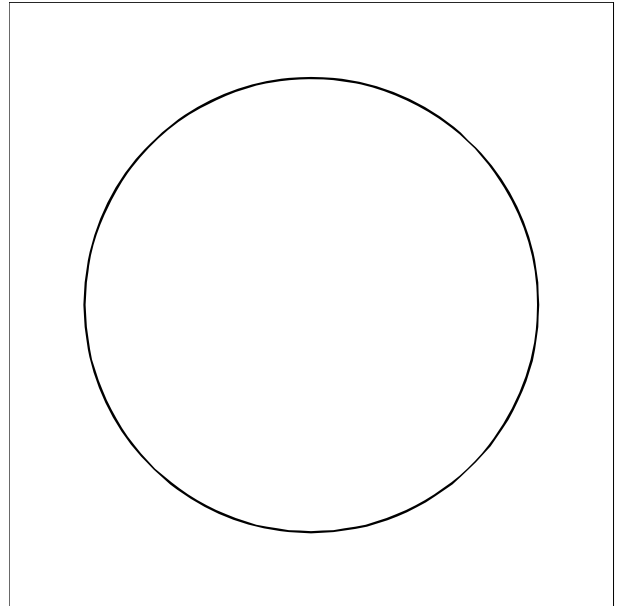


P. 8 円の復習No. 1

- (1) ① (中心) ② (半径) ③ (直径)
 (2) ① (中心) ② (5) ③ (8) ④ (2)
 (3) ①



②



P. 9 円の復習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)

513-2 小5SS正多角形と円周の長さ

P. 10 円のまわりの長さNo. 1

- (1) ① (16cm) ② (短い) ③ (4倍) ④ (4倍)
- (2) ① (12cm) ② (長い) ③ (3倍) ④ (3倍)
- (3) (3) (4)

P. 11 円のまわりの長さNo. 2

| | | | |
|-------|----------|----------|-----------|
| (1) ① | 6cm前後なら○ | 9cm前後なら○ | 12cm前後なら○ |
| | 3前後なら○ | 3前後なら○ | 3前後なら○ |

P. 12 円のまわりの長さNo. 3

- (1) ① [式] $2 \times 3 = 6$ 答え (約6cm)
- ② [式] $12 \times 3 = 36$ 答え (約36cm)
- ③ [式] $13000 \times 3 = 39000$ 答え (約39000km)
- ④ [式] $15 \div 3 = 5$ 答え (約5m)

P. 15 円のまわりの長さNo. 6

- (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] $5 \times 2 = 10, 10 \times 3.14 = 31.4$ 答え (31.4cm)
- ④ [式] $3 \times 2 = 6, 6 \times 3.14 = 18.84$ 答え (18.84cm)

P. 16 円のまわりの長さNo. 7

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

513-2 小5SS正多角形と円周の長さ

P. 17 円のまわりの長さNo. 8

- (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. 18 円のまわりの長さNo. 9

- (1) [式] $20 \div 3.14 = 6.36$ ⁴ 答え (約6.4cm)
- (2) [式] $50 \div 3.14 = 15.92$ 答え (約15.9cm)
- (3) [式] $5 \div 3.14 = 1.59$ ⁶ 答え (約1.6m)
- (4) [式] $100 \div 3.14 = 31.84$ 答え (約31.8m)

P. 19 円のまわりの長さNo. 10

- (1) ① ($O = \square \times \text{円周率}$) または, $O = \square \times 3.14$
- ②

| | | |
|------|------|-------|
| 6.28 | 9.42 | 12.56 |
|------|------|-------|
- ③ (3.14cmずつふえる)
- ④ (2倍, 3倍になる)
- ⑤ (比例している)

P. 20 円のまわりの長さNo. 11

- (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)

513-2 小5SS正多角形と円周の長さ

P. 21 円のまわりの長さNo. 12

(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] $5 \times 2 = 10, 10 \times 3.14 \div 2 + 10 = 25.7$ 答え (25.7cm)

(3) [式] $1 \times 2 = 2, 2 \times 3.14 \div 2 + 2 = 5.14$ 答え (5.14cm)

P. 22 円のまわりの長さNo. 13

(1) [式] $3 \times 2 = 6, 6 \times 3.14 \div 4 + 3 \times 2 = 10.71$ 答え (10.71cm)

(2) [式] $10 \times 2 = 20, 20 \times 3.14 \div 4 + 10 \times 2 = 35.7$ 答え (35.7cm)

(3) [式] $6.28 \div 3.14 = 2$ 答え (2cm)

(4) [式] $18.84 \div 3.14 = 6$ 答え (6cm)

P. 23 円のまわりの長さNo. 14

(1)

| | | | |
|---|---|---|---|
| 2 | 4 | 2 | 4 |
|---|---|---|---|

(2)

| | | | | | |
|---|---|---|---|---|-------|
| 4 | 2 | 4 | 2 | 6 | 18.84 |
|---|---|---|---|---|-------|

P. 24 円のまわりの長さNo. 15

(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] $8 \times 3.14 \div 2 + 2 \times 3.14 \div 2 + 6 \times 3.14 \div 2 = (4+1+3) \times 3.14 = 8 \times 3.14 = 25.12$

答え (25.12cm)

(3) 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)

2 ① (正六角形) ② (60°) ③ (120°) ④ (6cm)

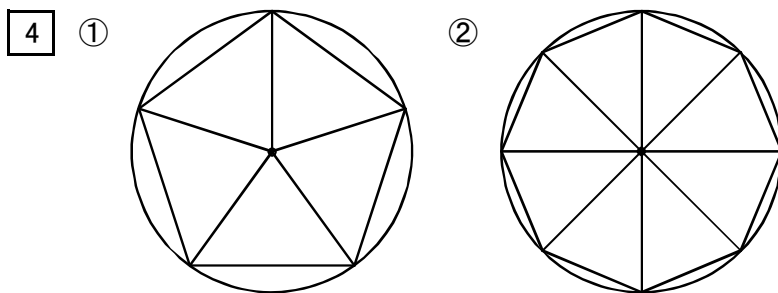
【まとめの問題】 第1回(2/3)

3 ① ($O = \square \times 3.14$) ②

| | | |
|------|------|-------|
| 6.28 | 9.42 | 12.56 |
|------|------|-------|

 ③ (18.84cm)
④ (3.14cmずつ増える) ⑤ (2倍, 3倍になる) ⑥ (比例している)

【まとめの問題】 第1回(3/3)



5 ① [式] $13 \times 3.14 = 40.82$ 答え (40.82cm)

② [式] $5 \times 2 \times 3.14 = 31.4$ 答え (31.4cm)

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

② [式] $47.1 \div 3.14 = 15$ 答え (15cm)

【まとめの問題】 第2回(1/3)

1 ① (正九角形) ② (40°) ③ (70°) ④ (140°)

2 ① (正多角形) ② (円周率) ③ (円周) (直径)
④ (直径) (円周率)

【まとめの問題】 第2回(2/3)

3 ①

| | | |
|------|-------|-------|
| 6.28 | 12.56 | 18.84 |
|------|-------|-------|

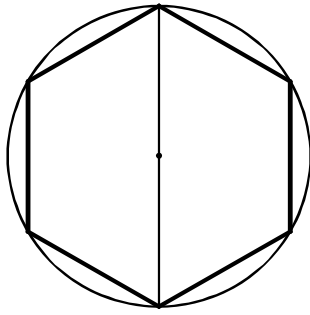
 ② (2倍, 3倍になる) ③ (比例している)

4 ① (12.56cm) ② (18.84cm) ③ (5cm)

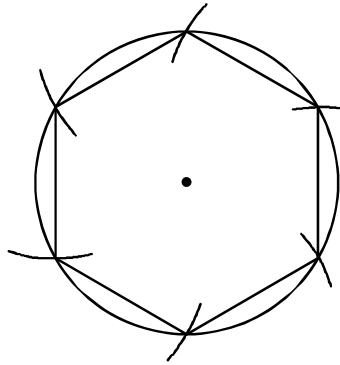
【まとめの問題】 第2回(3/3)

5

①



②



6

① [式] $4 \times 2 \times 3.14 = 25.12$ 答え (25.12cm)

② [式] $15 \times 3.14 = 47.1$ 答え (47.1cm)

7

① [式] $28.26 \div 3.14 = 9$ 答え (9cm)

② [式] $37.68 \div 3.14 = 12, 12 \div 2 = 6$ 答え (6cm)