



빠른 정답 찾기



이해 속! 개념북

I-1. 삼각비

개념북 8~21쪽

8쪽 01 $\sin A = \frac{5}{13}, \cos A = \frac{12}{13}, \tan A = \frac{5}{12},$
 $\sin C = \frac{12}{13}, \cos C = \frac{5}{13}, \tan C = \frac{12}{5}$

01·1 (1) $\sin A = \frac{\sqrt{5}}{3}, \cos A = \frac{2}{3}, \tan A = \frac{\sqrt{5}}{2}$
 (2) $\sin A = \frac{\sqrt{7}}{4}, \cos A = \frac{3}{4}, \tan A = \frac{\sqrt{7}}{3}$

01·2 $\frac{5\sqrt{13}}{13}$ 02 $x=6, y=6\sqrt{3}$ 02·1 $\frac{4}{5}$

03 ① 03·1 ④ 04 $\frac{7}{5}$ 04·1 $\frac{15}{8}$

10쪽 01 ⑤ 02 $\frac{\sqrt{3}}{3}$ 03 ② 04 $\frac{9}{20}$ 05 ⑤

11쪽 01 $\frac{\sqrt{2}}{2}$ 02 $\frac{\sqrt{6}}{3}$

12쪽 01 (1) 1 (2) 3 (3) 0 (4) $\frac{7}{4}$

01·1 (1) $\frac{1}{2}$ (2) $\frac{3}{2}$ (3) 1 (4) 1

02 (1) $x=\sqrt{2}, y=2$ (2) $x=10, y=5\sqrt{3}$

02·1 $x=3, y=\sqrt{3}$ 03 ④

03·1 (1) 0.7431 (2) 0.6691 (3) 1.1106 04 0 04·1 ④

05 ⑤ 05·1 $\cos 60^\circ, \sin 45^\circ, \cos 0^\circ, \tan 60^\circ$

06 2 06·1 -1 07 (1) 0.8746 (2) 0.4384 (3) 1.9626

07·1 (1) 64° (2) 62° (3) 61° 07·2 ③

16쪽 01 $\frac{\sqrt{6}}{4}$ 02 $\sqrt{3}$ 03 ③ 04 ② 05 $2-\sqrt{3}$

06 ④ 07 ④ 08 ③ 09 $\frac{\sqrt{3}}{3}$ 10 13.882

18쪽 01 ④ 02 ③ 03 $5\sqrt{2}$ 04 ①, ④ 05 ③

06 0.8564 07 ④ 08 $\frac{1}{3}$ 09 ④ 10 ④ 11 ③

12 $\frac{3}{4}$ 13 ③ 14 $6\sqrt{3}-6$ 15 $16\sqrt{2}$ 16 ④

17 $\frac{3\sqrt{3}}{8}$ 18 0.87 19 $\frac{\sqrt{7}}{12}$ 20 2 21 $6\sqrt{3} \text{ cm}^2$

22 $\sqrt{3}$

I-2. 삼각비의 활용

개념북 22~32쪽

22쪽 01 (1) $2\sqrt{3}, 2\sqrt{3}, 4$ (2) $2\sqrt{3}, 2\sqrt{3}, 2$ 01·1 3.9

02 3.21 m 02·1 7 m 03 (1) $2\sqrt{3}$ (2) 4 (3) $2\sqrt{7}$

03·1 $3\sqrt{7}$ 04 (1) 5 (2) 45° (3) $5\sqrt{2}$ 04·1 $4\sqrt{6}$ cm

05 (1) $\overline{BH} = \frac{\sqrt{3}}{3}h, \overline{CH} = h$ (2) $5(3-\sqrt{3})$ 05·1 $4(\sqrt{3}-1)$

06 (1) $\overline{BH} = \sqrt{3}h, \overline{CH} = h$ (2) $3(\sqrt{3}+1)$ 06·1 $8\sqrt{3}$

25쪽 01 ⑤ 02 $40\sqrt{3}$ m 03 9 04 4 cm

05 ② 06 $25(3+\sqrt{3})$ m

26쪽 01 (1) $5\sqrt{3} \text{ cm}^2$ (2) $21\sqrt{2} \text{ cm}^2$

01·1 (1) 25 cm^2 (2) $49\sqrt{3} \text{ cm}^2$

01·2 (1) $\frac{\sqrt{3}}{2} \text{ cm}^2$ (2) $3\sqrt{3} \text{ cm}^2$ (3) $\frac{7\sqrt{3}}{2} \text{ cm}^2$

02 $10\sqrt{3} \text{ cm}^2$ 02·1 8 03 $18\sqrt{2} \text{ cm}^2$ 03·1 45°

28쪽 01 45° 02 54 03 ⑤ 04 ③ 05 4

29쪽 01 ①, ⑤ 02 ③ 03 $3(3-\sqrt{3})$ 04 ②

05 ③ 06 ③ 07 ① 08 8 m 09 ③

10 $2\sqrt{39}$ cm 11 $36(\sqrt{3}-1)$ 12 ⑤ 13 ③

14 $(36\pi - 27\sqrt{3}) \text{ cm}^2$ 15 $\frac{97\sqrt{3}}{2}$ 16 99 17 $8\sqrt{2}$

18 ④ 19 $9\sqrt{6} \text{ cm}^3$ 20 $200\sqrt{6}$ m

21 $\frac{40\sqrt{3}}{9}$ cm 22 16 cm

II-1. 원과 직선

개념북 34~46쪽

34쪽 01 (가) $\angle OMB$ (나) \overline{OM} (다) RHS (라) \overline{BM}

01·1 (1) 14 (2) $2\sqrt{13}$ (3) $6\sqrt{5}$ (4) 6 01·2 $4\sqrt{5}$ cm

02 (가) $\angle OMA$ (나) \overline{OC} (다) \overline{AM} (라) \overline{CD}

02·1 (1) 10 (2) 5 (3) 10 (4) 4 02·2 $4\sqrt{6}$ cm

36쪽 01 9 02 ② 03 5 cm 04 ④ 05 ③

37쪽 01 (1) 140° (2) 50° 01·1 (1) 10 (2) $4\sqrt{2}$

01·2 6 cm 01·3 $12\sqrt{2}$ cm

02 (가) 90° (나) \overline{OA} (다) RHS (라) \overline{PB}

02·1 (1) 7 (2) $2\sqrt{13}$ (3) 12 (4) 40 02·2 $\frac{3}{2}$

03 (1) 13 (2) 2 03·1 3 03·2 5 cm

04 (1) 4 (2) 15 (3) 4 (4) 3 04·1 9 cm 04·2 3

41쪽 01 30 cm^2 02 ③ 03 $(9+6\sqrt{3})\text{ cm}$
04 ④ 05 1 cm

42쪽 01 3 cm 02 $36\pi\text{ cm}^2$

43쪽 01 ④ 02 $26\pi\text{ cm}$ 03 14 cm
04 ①, ③ 05 4 cm 06 ② 07 ④ 08 34 cm
09 ④ 10 54 cm 11 ① 12 ⑤ 13 ② 14 12
15 ③ 16 4π 17 ③ 18 2 cm 19 288 cm^2
20 $(8\pi+12\sqrt{3})\text{ m}$ 21 1 cm 22 $\frac{58}{7}$

II-2. 원주각

개념북 47~60쪽

47쪽 01 (가) $\angle OAP$ (나) $\angle OPB$ (다) $\angle BOQ$ (라) $\angle AOB$
01·1 (1) 35° (2) 210° (3) 25° (4) 50° 02 (1) 45° (2) 30°
02·1 21° 03 (1) 90° (2) 55° 03·1 63° 04 (1) 20 (2) 8
04·1 74° 05 (1) 30 (2) 6 05·1 15 cm

50쪽 01 ⑤ 02 69° 03 20° 04 20° 05 ③

51쪽 01 (ㄴ), (ㄷ) 01·1 (1) 28° (2) 26° 01·2 70° 01·3 105°
02 (1) 93° (2) 57° 02·1 25° 03 (1) 92° (2) 107°
03·1 71° 04 (ㄱ) 04·1 ①, ⑤ 04·2 121°
05 (1) 56° (2) 30° (3) 25° (4) 45°
05·1 $\angle x=128^\circ, \angle y=82^\circ$ 05·2 76°

55쪽 01 ③ 02 100° 03 120° 04 92° 05 ④
06 ⑤ 07 100° 08 ③ 09 46° 10 ①

57쪽 01 38° 02 ② 03 ③ 04 80° 05 ④
06 ③ 07 ③ 08 $50\sqrt{3}\text{ cm}^2$ 09 90° 10 ②, ⑤
11 106° 12 ② 13 ④ 14 75° 15 ⑤ 16 15°
17 ① 18 ③ 19 26° 20 148° 21 60°
22 $3\sqrt{5}\text{ cm}$

III-1. 대푯값과 산포도

개념북 62~74쪽

62쪽 01 (1) 7 (2) 25 01·1 A 바구니 01·2 11
01·3 174 cm 02 (1) 18 (2) 80 02·1 $a=7, b=7$
02·2 5.5 권 02·3 21 03 (1) 2 (2) $34, 52$ 03·1 34 회
03·2 ③ 03·3 17

65쪽 01 45.5 kcal 02 ② 03 13
04 증양값, 9.5 편 05 88 점

66쪽 01 (평균) $=18,$

| | | | | | | |
|----|----|----|----|----|----|----|
| 변량 | 14 | 22 | 19 | 15 | 20 | 합계 |
| 편차 | -4 | 4 | 1 | -3 | 2 | 0 |

01·1 -1 02 (1) -4 (2) 49 kg 02·1 16 회

03 (1) 80 점 (2)

| | | | | | |
|-------------------|----|----|----|----|----|
| | 1회 | 2회 | 3회 | 4회 | 5회 |
| 성적(점) | 74 | 85 | 82 | 76 | 83 |
| 편차(점) | -6 | 5 | 2 | -4 | 3 |
| (편차) ² | 36 | 25 | 4 | 16 | 9 |

 (3) 18

(4) $3\sqrt{2}\text{ 점}$ 03·1 분산: $8,$ 표준편차: $2\sqrt{2}\text{ 점}$ 03·2 $\sqrt{7}$

04 ③ 04·1 ④ 04·2 (ㄴ)

69쪽 01 ④, ⑤ 02 ② 03 100 04 24 05 ①

70쪽 01 평균: $11,$ 표준편차: $\sqrt{10}$

71쪽 01 ② 02 68 03 ⑤ 04 10 05 ⑤

06 $\frac{14}{3}$ 07 ⑤ 08 ⑤ 09 ⑤ 10 25 11 (ㄱ), (ㄷ)

12 ④ 13 $\frac{2\sqrt{6}}{3}$ 14 ⑤ 15 ③ 16 6 17 ④

18 (ㄴ), (ㄷ) 19 26.5 살 20 26 21 -10 22 126

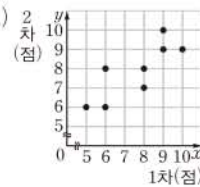
III-2. 상관관계

개념북 75~79쪽

75쪽 01 (1)

| | | | | | | |
|-------|---|---|---|---|----|----|
| 2차(점) | 5 | 6 | 7 | 8 | 9 | 10 |
| 1차(점) | 6 | 7 | 8 | 9 | 10 | 11 |

 (2) 5 명 (3) 3 명



01·1 (1) 4 명 (2) 6 명 02 (ㄱ), (ㄷ) 02·1 ③, ⑤

77쪽 01 35% 02 11 명 03 6 명 04 ③

78쪽 01 3 명 02 (ㄱ), (ㄷ) 03 ⑤ 04 ④

05 ②, ⑤ 06 8 명 07 ④ 08 ② 09 4.5 시간

10 170 점



실력 쏙! 워크북

I-1. 삼각비

워크북 2-11쪽

- 개념 01** 01 (1) $\frac{15}{17}$ (2) $\frac{8}{17}$ (3) $\frac{15}{8}$
 02 (1) $\frac{\sqrt{7}}{3}$ (2) $\frac{\sqrt{2}}{3}$ (3) $\frac{\sqrt{14}}{2}$
 03 (1) $\frac{2}{3}$ (2) $\frac{\sqrt{5}}{2}$ (3) $\frac{\sqrt{5}}{3}$ (4) $\frac{2\sqrt{5}}{5}$
 04 (1) $\frac{\sqrt{5}}{4}$ (2) $\frac{\sqrt{55}}{11}$
 05 (1) \overline{BC} , \overline{BD} , \overline{BC} (2) \overline{AB} , \overline{AB} , \overline{BD} (3) \overline{BC} , \overline{BD} , \overline{CD}
 06 $\frac{2}{5}$ 07 ④ 08 ④ 09 ⑤ 10 ⑤ 11 ⑤
 12 $\frac{5}{13}$
- 개념 02** 01 (1) $\frac{1}{2}$ (2) $\sqrt{3}$ (3) $\sqrt{3}$ (4) $-\frac{5}{2}$ (5) $-\frac{1}{4}$
 02 (1) 60° (2) 45° (3) 30° 03 (1) $x=2, y=1$
 (2) $x=4\sqrt{2}, y=4\sqrt{2}$ (3) $x=5, y=5\sqrt{3}$ (4) $x=6\sqrt{2}, y=6$
 04 (1) $x=3, y=3\sqrt{3}$ (2) $x=2\sqrt{3}, y=2\sqrt{6}$ 05 ⑤ 06 $4\sqrt{6}$
- 개념 03** 01 (1) 0.6428 (2) 0.7660 (3) 0.8391 (4) 0.7660
 (5) 0.6428 02 (1) 2 (2) 0 (3) 0 (4) 1 (5) $-\frac{1}{2}$
 03 (1) < (2) > (3) < (4) < (5) > (6) <
 04 ③ 05 ④ 06 (.), (u) 07 0 08 ④ 09 ④
 10 ③ 11 0 12 $2\sin A$
- 개념 04** 01 (1) 0.5736 (2) 0.7986 (3) 0.6494 (4) 34 (5) 35
 (6) 36 02 (1) 1.4862 (2) 6.82 (3) 5.959 (4) 23.008
 03 ④ 04 (1) 1.4168 (2) 0.8387 05 2.3372
- 중단원 실전 TEST** 01 ④ 02 ⑤ 03 ⑤ 04 ③
 05 ② 06 ⑤ 07 ① 08 ② 09 ③ 10 ④
 11 ③ 12 ② 13 ④ 14 ⑤ 15 ② 16 $48\sqrt{6}$
 17 $\frac{4}{5}$ 18 30° 19 $-\sqrt{3}$ 20 -1 21 2 22 1.3143
 23 $\frac{2}{7}$ 24 $2\sqrt{2}$ 25 $\sqrt{2}-1$

I-2. 삼각비의 활용

워크북 12~21쪽

- 개념 05** 01 (1) $10\sin 55^\circ$ (2) $\frac{6}{\cos 41^\circ}$ (3) $\frac{14}{\tan 38^\circ}$
 (4) $7\cos 62^\circ$ 02 (1) 4.2 (2) 12.3 (3) 25 03 ⑤
 04 ① 05 26.4 m
- 개념 06** 01 (1) $2\sqrt{3}$ cm (2) 3 cm (3) $\sqrt{21}$ cm
 02 (1) $6\sqrt{2}$ (2) 60° (3) $4\sqrt{6}$ 03 ② 04 $\sqrt{58}$ m
 05 $9+3\sqrt{3}$ 06 ③
- 개념 07** 01 60, 45, 60, 45, $\sqrt{3}$, $6(\sqrt{3}-1)$
 02 45, 30, 45, 30, $\frac{\sqrt{3}}{3}$, $7(3+\sqrt{3})$ 03 $9(3-\sqrt{3})$ cm
 04 $7(3-\sqrt{3})$ m 05 $2(\sqrt{3}+1)$ 06 ⑤
- 개념 08** 01 (1) $\frac{15}{4}$ (2) $54\sqrt{3}$ (3) $20\sqrt{2}$ (4) 4
 02 (1) $6\sqrt{3}$ (2) $40\sqrt{2}$ (3) $2\sqrt{3}$ (4) $\frac{\sqrt{3}}{2}$
 03 (1) $3\sqrt{3}$ (2) $9\sqrt{3}$ (3) $12\sqrt{3}$ 04 (1) $\frac{81\sqrt{3}}{2}$ cm² (2) $27\sqrt{3}$ cm²
 (3) $\frac{135\sqrt{3}}{2}$ cm² 05 ② 06 ⑤ 07 ② 08 135°
 09 ② 10 $8+6\sqrt{2}$ 11 ③
- 개념 09** 01 (1) $15\sqrt{2}$ (2) 75 (3) $147\sqrt{3}$ (4) $10\sqrt{2}$
 02 (가) $\frac{1}{2}$ (나) $\frac{1}{2}ab$ 03 (1) $45\sqrt{3}$ (2) $20\sqrt{2}$
 04 $\frac{35\sqrt{3}}{2}$ 05 ③
- 중단원 실전 TEST** 01 ④ 02 ④ 03 ④ 04 ⑤
 05 ④ 06 ③ 07 ④ 08 ⑤ 09 ② 10 ④
 11 ③ 12 ② 13 ④ 14 ③ 15 ③ 16 $10\sqrt{6}$
 17 $30(2-\sqrt{3})$ cm 18 $\sqrt{61}$ cm 19 3 km 20 48 cm²
 21 $(6\pi-4\sqrt{2})$ cm² 22 45° 23 $18\sqrt{3}$ cm²
 24 $8(3+\sqrt{3}+\sqrt{6})$ cm 25 $14+5\sqrt{3}$
- I-1. 원과 직선** 워크북 22~31쪽
- 개념 10** 01 (1) 8 (2) 5 02 (1) 6 cm (2) 9 cm
 03 (1) $8\sqrt{6}$ (2) $2\sqrt{5}$ 04 ④ 05 2 cm 06 ④
- 개념 11** 01 (1) 8 (2) 5 (3) 12 (4) 3
 02 (1) 6 (2) 10 (3) 3 (4) $\sqrt{39}$ 03 ③ 04 55°
 05 $12\sqrt{3}$ cm²

개념 12 01 (1) 60° (2) 25° 02 (1) 125° (2) 80°
 03 (1) 13 (2) $3\sqrt{3}$ 04 ③ 05 $24\pi \text{ cm}^2$ 06 ⑤

개념 13 01 (1) 9 (2) $10\sqrt{2}$ 02 (1) 62° (2) 44° 03 ③
 04 $2\sqrt{3} \text{ cm}$ 05 24 06 ③

개념 14 01 (1) 3 cm (2) 7 cm (3) 10 cm
 02 (1) 10 (2) 7 (3) 8 (4) $\frac{7}{2}$ 03 ③ 04 28 cm 05 ③

개념 15 01 (1) 7 (2) 5 02 (1) 30 cm (2) 32 cm 03 9
 04 ① 05 ③ 06 6 cm

중단원 실전 TEST 01 ③ 02 ② 03 ④ 04 ④
 05 ③ 06 ② 07 ③ 08 ① 09 ⑤ 10 ⑤
 11 ② 12 ② 13 ④ 14 ① 15 ③
 16 $2\sqrt{6} \text{ cm}$ 17 12 18 16 cm 19 $16\sqrt{2} \text{ cm}^2$
 20 $16\sqrt{2} \text{ cm}$ 21 $\sqrt{3} \text{ cm}$ 22 8 cm 23 $8\pi \text{ cm}$ 24 10 cm
 25 $16\pi \text{ cm}^2$

II-2. 원주각

워크북 32~42쪽

개념 16 01 (1) 55° (2) 48° (3) 75° (4) 160°
 02 (1) $\angle x=32^\circ, \angle y=32^\circ$ (2) $\angle x=50^\circ, \angle y=76^\circ$ 03 ④
 04 $\frac{7}{2}\pi \text{ cm}^2$ 05 ③ 06 108°

개념 17 01 (1) 60° (2) 24° 02 (1) $\angle x=54^\circ, \angle y=35^\circ$
 (2) $\angle x=42^\circ, \angle y=92^\circ$ (3) $\angle x=36^\circ, \angle y=72^\circ$
 (4) $\angle x=40^\circ, \angle y=31^\circ$ 03 (1) 52° (2) 47°
 04 ② 05 ② 06 (1) 90° (2) 19° (3) 71°

개념 18 01 (가) $\angle \text{COD}$ (나) $\frac{1}{2}$ (다) $\angle \text{CQD}$
 02 (1) 35 (2) 50 (3) 10 (4) 9 03 (1) 20 (2) 4 (3) 28 (4) 35
 04 30° 05 ② 06 ③

개념 19 01 (1) \times (2) \times (3) \circ
 02 (1) 35° (2) 63° (3) 30° (4) 94° 03 ③ 04 104°
 05 ④

개념 20 01 (1) $\angle x=100^\circ, \angle y=75^\circ$ (2) $\angle x=110^\circ, \angle y=90^\circ$
 (3) $\angle x=68^\circ, \angle y=112^\circ$ (4) $\angle x=95^\circ, \angle y=85^\circ$

02 (1) 78° (2) 120° (3) 40° (4) 98°
 03 $\angle x=30^\circ, \angle y=55^\circ$ 04 ④
 05 (1) 180° (2) 180° (3) 360°

개념 21 01 (1) \circ (2) \circ (3) \times (4) \circ
 02 (1) 95° (2) 76° (3) 120° (4) 40° 03 ③, ④ 04 35°
 05 ⑤

개념 22 01 (1) 70° (2) 50° (3) 55° (4) 50°
 02 (1) $\angle x=65^\circ, \angle y=35^\circ$ (2) $\angle x=50^\circ, \angle y=45^\circ$
 (3) $\angle x=40^\circ, \angle y=92^\circ$ (4) $\angle x=40^\circ, \angle y=95^\circ$
 03 ② 04 50° 05 57°

중단원 실전 TEST 01 ① 02 ① 03 ③ 04 ②
 05 ③ 06 ⑤ 07 ④ 08 ② 09 ④ 10 ①
 11 ② 12 ④ 13 ① 14 ③ 15 ④ 16 50°
 17 82° 18 38° 19 65° 20 60° 21 5 cm 22 77°
 23 18° 24 64° 25 40°

III-1. 대푯값과 산포도

워크북 43~52쪽

개념 23 01 (1) 7 (2) 10 (3) 7 (4) 27
 02 (1) 7 (2) 23 (3) 19 (4) 14 03 4개 04 ① 05 6
 06 ②

개념 24 01 (1) 5 (2) 13 (3) 4 (4) 17
 02 (1) 6 (2) 16 (3) 9 (4) 34 03 ② 04 $a=6, b=9.5$
 05 33대 06 ⑤

개념 25 01 (1) 4 (2) 11 (3) 15, 18 (4) 23, 25, 28 02 제주
 03 ② 04 (1) \times (2) \circ (3) \times (4) \times 05 $a=5, b=4$
 06 $a=3, b=4$

개념 26 01 (1) \circ (2) \times (3) \times (4) \circ

02 (1)

| | | | | |
|----|----|----|---|----|
| 변량 | 4 | 6 | 8 | 14 |
| 편차 | -4 | -2 | 0 | 6 |

(2)

| | | | | | |
|----|----|----|----|----|----|
| 변량 | 26 | 17 | 19 | 30 | 13 |
| 편차 | 5 | -4 | -2 | 9 | -8 |

03 4 04 ④ 05 ⑤ 06 16점

개념 27 01 (1) 30 (2) $\frac{15}{2}$ (3) $\frac{\sqrt{30}}{2}$

02 (1) 205 점 (2)

| 게임 | 1 | 2 | 3 | 4 | 5 |
|-------------------|-----|-----|-----|-----|-----|
| 점수(점) | 215 | 210 | 190 | 200 | 210 |
| 편차(점) | 10 | 5 | -15 | -5 | 5 |
| (편차) ² | 100 | 25 | 225 | 25 | 25 |

(3) 80 (4) $4\sqrt{5}$ 점 03 분산: 5, 표준편차: $\sqrt{5}$ 점

04 (1) × (2) × (3) ○ (4) ○ 05 B, A, C 06 $2\sqrt{2}$ 개

07 ① 08 4회 09 56

10 A 반의 분산: $\frac{19}{15}$, B 반의 분산: $\frac{23}{15}$, A 반

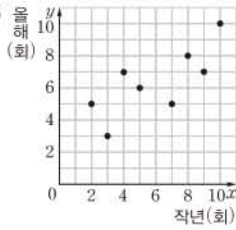
11 (c) 12 ④

- 중단원 실전 TEST 01 ⑤ 02 ③ 03 ④ 04 ⑤
 05 ② 06 ③ 07 ③ 08 ② 09 ⑤ 10 ④
 11 ⑤ 12 ① 13 ⑤ 14 ③ 15 ② 16 12명
 17 8 18 6마리 19 6 20 6.5 21 B 선수 22 C
 23 $a < b < c$ 24 12개월
 25 평균: 39, 표준편차: 20

Ⅲ-2. 상관관계

워크북 53~56쪽

개념 28 01 (1)  (2) 4명 (3) 2명



02 (1) 8명 (2) 4명 (3) 7명 03 ②, ④ 04 7.25점 05 15명

개념 29 01 (1) 음 (2) 양 (3) × (4) × (5) 양 02 (c)

03 ④ 04 ④ 05 A

- 중단원 실전 TEST 01 ④ 02 ② 03 ③ 04 ④
 05 ① 06 ② 07 7명 08 25% 09 8명 10 A
 11 6.5권 12 190점