	<b>중 1-1_체크체크_진도_정수와 유리수_정수와 유리수 의 덧셈과 뺄셈(42p~47p)</b>	출제자	
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(중1-1)체크체크\_진도 42쪽

1-1

1.  $(-6) + (+4)$ 를 계산하면?

- ①  $-6$                       ②  $-4$   
 ③  $-2$                       ④  $0$   
 ⑤  $+2$

1-2

2. 다음을 계산하여라.

- (1)  $(+8) + (+11)$   
 (2)  $(-4) + (+6)$

(중1-1)체크체크\_진도 43쪽

2-1

3. 다음을 계산하여라.

- (1)  $\left(+\frac{1}{2}\right) + \left(+\frac{2}{3}\right)$   
 (2)  $\left(-\frac{3}{4}\right) + \left(-\frac{1}{2}\right)$   
 (3)  $\left(+\frac{2}{5}\right) + \left(-\frac{5}{6}\right)$

2-2

4. 다음을 계산하여라.

- (1)  $(-9.2) + (+6.9)$   
 (2)  $\left(+\frac{1}{2}\right) + \left(-\frac{1}{3}\right)$

3-1

5. 다음을 계산하여라.

- (1)  $(+20) + (-5) + (-3)$   
 (2)  $\left(-\frac{2}{3}\right) + (+4) + \left(-\frac{4}{3}\right)$   
 (3)  $\left(+\frac{1}{5}\right) + \left(+\frac{1}{3}\right) + \left(-\frac{6}{5}\right)$   
 (4)  $(+3.8) + (-2.4) + (-1.9)$

3-2

6.  $\left(+\frac{2}{5}\right) + \left(-\frac{3}{10}\right) + \left(-\frac{1}{10}\right)$ 을 계산하여라.

4-1

7. 다음은  $(+5)-(-2)$ 를 계산하는 과정이다.

□ 안에 들어갈 수를 차례대로 적은 것은?

$$(+5)-(-2)=(+5)+(\square)=\square$$

①  $-2, +3$

②  $-2, -3$

③  $+2, +3$

④  $+2, +7$

⑤  $-2, -7$

4-2

8.  $(+9)-(-3)$ 을 계산하여라.

5-1

9. 다음을 계산하여라.

(1)  $(-2.6)-(+0.6)$

(2)  $(+6.4)-(-1.8)$

(3)  $\left(-\frac{2}{5}\right)-\left(+\frac{1}{4}\right)$

(4)  $\left(+\frac{3}{10}\right)-\left(-\frac{1}{10}\right)$

5-2

10.  $(+7.2)-(-1.4)$ 을 계산하여라.

6-1

11. 다음을 계산하여라.

$$\left(+\frac{1}{2}\right)-\left(-\frac{2}{3}\right)+\left(-\frac{3}{4}\right)$$

6-2

12. 다음을 계산하여라.

$$\left(+\frac{1}{3}\right)-\left(+\frac{3}{2}\right)-\left(-\frac{5}{6}\right)+(-2)$$

7-1

13. 다음을 계산하여라.

(1)  $(-3.5)-(+1.9)+(+2.4)$

(2)  $\left(+\frac{7}{6}\right)-\left(+\frac{5}{8}\right)+\left(-\frac{3}{4}\right)$

(3)  $-5-8+20-6$

(4)  $-\frac{1}{3}+\frac{7}{5}-\frac{13}{6}+\frac{4}{3}$

7-2

14.  $7-2.5-4+\frac{5}{2}$ 를 계산하여라.

01

15. 다음을 계산하여라.

(1)  $(+0.12) - (+3.14)$

(2)  $\left(-\frac{3}{2}\right) - \left(-\frac{5}{6}\right)$

(3)  $\left(+\frac{4}{3}\right) - \left(-\frac{3}{4}\right)$

(4)  $(-8.3) - (+3.3)$

(5)  $(-0.2) - \left(+\frac{2}{5}\right)$

(6)  $\left(-\frac{3}{2}\right) - (+4)$

02

16. 다음 식을 계산하면?

$$-2 - \left(-\frac{5}{3} - \frac{3}{4}\right) - \frac{1}{2} + \left(-\frac{1}{12}\right)$$

①  $-\frac{1}{6}$

②  $-\frac{2}{6}$

③  $-\frac{3}{6}$

④  $-\frac{4}{6}$

⑤  $-\frac{5}{6}$

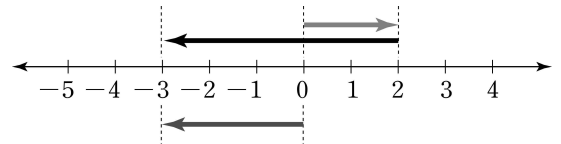
03

17. 다음을 계산하여라.


(중1-1)체크체크\_진도 47쪽

01

18. 다음 그림은 수직선을 이용하여 수의 계산을 한 것이다. 이 그림이 나타내는 식은?



①  $(-3) + (+5) = +2$

②  $(-3) - (+2) = -5$

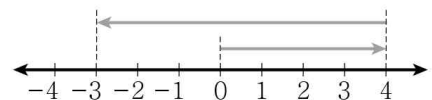
③  $(-3) + (-2) = -5$

④  $(+2) + (-5) = -3$

⑤  $(+2) + (+5) = +7$

02

19. 다음 그림은 수직선을 이용하여 수의 계산을 하는 것이다. 이 그림이 나타내는 식으로 알맞은 것은?



①  $(+4) + (-3)$

②  $(-3) + (-4)$

③  $(+4) + (+7)$

④  $(+4) + (-7)$

⑤  $(-4) + (-7)$

03

20. 다음 중 계산 결과가 옳지 않은 것은?

- ①  $(-3.2) + (-4.3) = -7.5$   
 ②  $(-5.7) - (+1.4) = -7.1$   
 ③  $\left(+\frac{5}{2}\right) + \left(-\frac{4}{3}\right) = \frac{7}{6}$   
 ④  $\left(+\frac{3}{4}\right) - \left(-\frac{5}{6}\right) = -\frac{1}{12}$   
 ⑤  $(+4.5) + \left(-\frac{7}{2}\right) = 1$

04

21. 다음 중 계산 결과가 가장 작은 것은?

- ①  $(-5) + (+2)$                       ②  $(+6) + (-8)$   
 ③  $-1 - 5$                               ④  $-3 - 4$   
 ⑤  $-10 + 2$

05

22. 다음 계산 과정에서 (가), (나)에 사용된 덧셈의 계산 법칙을 써넣어라.

$$\begin{aligned} & \left(+\frac{1}{3}\right) + \left(-\frac{3}{2}\right) + \left(-\frac{5}{3}\right) \quad \text{(가) } \boxed{\phantom{000}} \\ &= \left(-\frac{3}{2}\right) + \left(+\frac{1}{3}\right) + \left(-\frac{5}{3}\right) \\ &= \left(-\frac{3}{2}\right) + \left(-\frac{4}{3}\right) \quad \text{(나) } \boxed{\phantom{000}} \\ &= \left(-\frac{9}{6}\right) + \left(-\frac{8}{6}\right) = -\frac{17}{6} \end{aligned}$$

06

23. 다음 계산 과정에서 덧셈의 교환법칙과 덧셈의 결합법칙이 사용된 곳의 기호를 차례대로 써라.

$$\begin{aligned} & \left(-\frac{3}{5}\right) + (+2) + \left(-\frac{1}{3}\right) + (-3) \quad \text{ㄱ} \\ &= \left(-\frac{3}{5}\right) + \left(-\frac{1}{3}\right) + (+2) + (-3) \quad \text{ㄴ} \\ &= \left\{\left(-\frac{3}{5}\right) + \left(-\frac{1}{3}\right)\right\} + \{(+2) + (-3)\} \quad \text{ㄷ} \\ &= \left\{\left(-\frac{9}{15}\right) + \left(-\frac{5}{15}\right)\right\} + (-1) \quad \text{ㄹ} \\ &= \left(-\frac{14}{15}\right) + (-1) \quad \text{ㅁ} \\ &= -\frac{29}{15} \end{aligned}$$

07

24.  $-15.2$ 보다  $+7.3$ 만큼 큰 수를 구하여라.

08

25.  $+5$ 보다  $-3$ 만큼 큰 수를  $a$ 라 하고,  $-2$ 보다  $3$ 만큼 작은 수를  $b$ 라고 할 때,  $a+b$ 의 값은?

- ①  $-9$                                       ②  $-3$   
 ③  $1$                                         ④  $3$   
 ⑤  $9$

## 1. (정답) ③

(해설)

$$(-6) + (+4) = -(6-4) = -2$$

## 2. (정답) (1) + 19 (2) + 2

(해설)

$$(1) \text{ (주어진 식)} = +(8+11) = +19$$

$$(2) \text{ (주어진 식)} = +(6-4) = +2$$

3. (정답) (1)  $+\frac{7}{6}$  (2)  $-\frac{5}{4}$  (3)  $-\frac{13}{30}$ 

(해설)

$$(1) \left(+\frac{1}{2}\right) + \left(+\frac{2}{3}\right) = +\left(\frac{1}{2} + \frac{2}{3}\right) = +\frac{7}{6}$$

$$(2) \left(-\frac{3}{4}\right) + \left(-\frac{1}{2}\right) = -\left(\frac{3}{4} + \frac{1}{2}\right) = -\frac{5}{4}$$

$$(3) \left(+\frac{2}{5}\right) + \left(-\frac{5}{6}\right) = -\left(\frac{5}{6} - \frac{2}{5}\right) = -\frac{13}{30}$$

4. (정답) (1) - 2.3 (2)  $+\frac{1}{6}$ 

(해설)

$$(1) \text{ (주어진 식)} = -(9.2-6.9) = -2.3$$

$$(2) \text{ (주어진 식)} = \left(+\frac{3}{6}\right) + \left(-\frac{2}{6}\right) = +\left(\frac{3}{6} - \frac{2}{6}\right) = +\frac{1}{6}$$

5. (정답) (1) + 12 (2) + 2 (3)  $-\frac{2}{3}$  (4) - 0.5

(해설)

$$(1) (+20) + (-5) + (-3)$$

$$= (+20) + \{(-5) + (-3)\}$$

$$= (+20) + \{-(5+3)\}$$

$$= (+20) + (-8) = +(20-8) = +12$$

$$(2) \left(-\frac{2}{3}\right) + (+4) + \left(-\frac{4}{3}\right)$$

$$= \left\{\left(-\frac{2}{3}\right) + \left(-\frac{4}{3}\right)\right\} + (+4)$$

$$= \left\{-\left(\frac{2}{3} + \frac{4}{3}\right)\right\} + (+4)$$

$$= (-2) + (+4) = +(4-2) = +2$$

$$(3) \left(+\frac{1}{5}\right) + \left(+\frac{1}{3}\right) + \left(-\frac{6}{5}\right)$$

$$= \left\{\left(+\frac{1}{5}\right) + \left(-\frac{6}{5}\right)\right\} + \left(+\frac{1}{3}\right)$$

$$= \left\{-\left(\frac{6}{5} - \frac{1}{5}\right)\right\} + \left(+\frac{1}{3}\right)$$

$$= (-1) + \left(+\frac{1}{3}\right) = -\left(1 - \frac{1}{3}\right) = -\frac{2}{3}$$

$$(4) (+3.8) + (-2.4) + (-1.9)$$

$$= (+3.8) + \{(-2.4) + (-1.9)\}$$

$$= (+3.8) + \{-(2.4+1.9)\}$$

$$= -(4.3-3.8) = -0.5$$

## 6. (정답) 0

(해설)

$$\left(+\frac{2}{5}\right) + \left(-\frac{3}{10}\right) + \left(-\frac{1}{10}\right)$$

$$= \left(+\frac{2}{5}\right) + \left\{\left(-\frac{3}{10}\right) + \left(-\frac{1}{10}\right)\right\}$$

$$= \left(+\frac{2}{5}\right) + \left(-\frac{2}{5}\right) = 0$$

## 7. (정답) ④

(해설)

## 8. (정답) + 12

(해설)

$$(+9) - (-3) = (+9) + (+3) = +(9+3) = +12$$

9. (정답) (1) - 3.2 (2) + 8.2 (3)  $-\frac{13}{20}$  (4)  $+\frac{2}{5}$ 

(해설)

$$(1) \text{ (주어진 식)} = (-2.6) + (-0.6) = -3.2$$

$$(2) \text{ (주어진 식)} = (+6.4) + (+1.8) = +8.2$$

$$(3) \text{ (주어진 식)} = \left(-\frac{2}{5}\right) + \left(-\frac{1}{4}\right) \\ = \left(-\frac{8}{20}\right) + \left(-\frac{5}{20}\right) = -\frac{13}{20}$$

$$(4) \text{ (주어진 식)} = \left(+\frac{3}{10}\right) + \left(+\frac{1}{10}\right) = +\frac{4}{10} = +\frac{2}{5}$$

10. (정답) + 8.6

(해설)

$$(+7.2) - (-1.4) = (+7.2) + (+1.4) = +8.6$$

11. (정답)  $\frac{5}{12}$

(해설)

$$\left(+\frac{1}{2}\right) - \left(-\frac{2}{3}\right) + \left(-\frac{3}{4}\right) \\ = \left(+\frac{6}{12}\right) + \left(+\frac{8}{12}\right) + \left(-\frac{9}{12}\right) \\ = \frac{14}{12} + \left(-\frac{9}{12}\right) = \frac{5}{12}$$

12. (정답)  $-\frac{7}{3}$

(해설)

$$\left(+\frac{1}{3}\right) - \left(+\frac{3}{2}\right) - \left(-\frac{5}{6}\right) + (-2) \\ = \left\{\left(+\frac{2}{6}\right) - \left(+\frac{9}{6}\right)\right\} - \left(-\frac{5}{6}\right) + (-2) \\ = \left(-\frac{7}{6}\right) + \left(+\frac{5}{6}\right) + (-2) \\ = \left(-\frac{2}{6}\right) + (-2) \\ = \left(-\frac{1}{3}\right) + \left(-\frac{6}{3}\right) \\ = -\frac{7}{3}$$

13. (정답) (1) - 3 (2)  $-\frac{5}{24}$  (3) 1 (4)  $\frac{7}{30}$

(해설)

$$(1) (-3.5) - (+1.9) + (+2.4) \\ = (-3.5) + (-1.9) + (+2.4) \\ = \{(-3.5) + (-1.9)\} + (+2.4) \\ = (-5.4) + (+2.4) = -3 \\ (2) \left(+\frac{7}{6}\right) - \left(+\frac{5}{8}\right) + \left(-\frac{3}{4}\right) \\ = \left(+\frac{7}{6}\right) + \left(-\frac{5}{8}\right) + \left(-\frac{3}{4}\right) \\ = \left(+\frac{7}{6}\right) + \left\{\left(-\frac{5}{8}\right) + \left(-\frac{6}{8}\right)\right\} \\ = \left(+\frac{7}{6}\right) + \left(-\frac{11}{8}\right) = \left(+\frac{28}{24}\right) + \left(-\frac{33}{24}\right) = -\frac{5}{24}$$

$$(3) -5 - 8 + 20 - 6 \\ = (-5) - (+8) + (+20) - (+6) \\ = (-5) + (-8) + (+20) + (-6) \\ = \{(-5) + (-8) + (-6)\} + (+20) \\ = (-19) + (+20) = 1$$

$$(4) -\frac{1}{3} + \frac{7}{5} - \frac{13}{6} + \frac{4}{3} \\ = \left(-\frac{1}{3}\right) + \left(+\frac{7}{5}\right) - \left(+\frac{13}{6}\right) + \left(+\frac{4}{3}\right) \\ = \left(-\frac{1}{3}\right) + \left(+\frac{7}{5}\right) + \left(-\frac{13}{6}\right) + \left(+\frac{4}{3}\right) \\ = \left\{\left(-\frac{1}{3}\right) + \left(+\frac{4}{3}\right)\right\} + \left\{\left(+\frac{7}{5}\right) + \left(-\frac{13}{6}\right)\right\} \\ = (+1) + \left\{\left(+\frac{42}{30}\right) + \left(-\frac{65}{30}\right)\right\} = (+1) + \left(-\frac{23}{30}\right) \\ = \left(+\frac{30}{30}\right) + \left(-\frac{23}{30}\right) = \frac{7}{30}$$

14. (정답) + 3

(해설)

(주어진 식)

$$= (+7) + (-2.5) + (-4) + \left(+\frac{5}{2}\right) \\ = \{(+7) + (-4)\} + \left\{(-2.5) + \left(+\frac{5}{2}\right)\right\} \\ = (+3) + 0 = +3$$

15.(정답) (1)  $-3.02$  (2)  $-\frac{2}{3}$  (3)  $+\frac{25}{12}$  (4)  $-11.6$

(5)  $-0.6$  (6)  $-5.5$

(해설)

(1) (주어진 식)

$$= (+0.12) + (-3.14) = -3.02$$

(2) (주어진 식)

$$= \left(-\frac{3}{2}\right) + \left(+\frac{5}{6}\right) = \left(-\frac{9}{6}\right) + \left(+\frac{5}{6}\right) \\ = -\frac{4}{6} = -\frac{2}{3}$$

(3) (주어진 식)

$$= \left(+\frac{4}{3}\right) + \left(+\frac{3}{4}\right) = \left(+\frac{16}{12}\right) + \left(+\frac{9}{12}\right) \\ = +\frac{25}{12}$$

(4) (주어진 식)  $= (-8.3) + (-3.3) = -11.6$

(5) (주어진 식)  $= (-0.2) + (-0.4) = -0.6$

(6) (주어진 식)  $= (-1.5) + (-4) = -5.5$

16.(정답) ①

(해설)

(주어진 식)

$$= -2 - \left(\frac{-20-9}{12}\right) - \frac{1}{2} - \frac{1}{12} \\ = -2 + \frac{29}{12} - \frac{1}{2} - \frac{1}{12} = -\frac{1}{6}$$

17.(정답) 해설 참조

(해설)

	⊕ →		
⊖ ↓	4	-5	-1
	-7	2	-5
	+11	-7	

$$4 + (-5) = (+4) + (-5) = -1$$

$$-7 + 2 = (-7) + (+2) = -5$$

$$4 - (-7) = (+4) + (+7) = +11$$

$$-5 - 2 = (-5) - (+2) = (-5) + (-2) = -7$$

18.(정답) ④

(해설)

$$(+2) + (-5) = -3$$

19.(정답) ④

(해설)

20.(정답) ④

(해설)

$$④ \left(+\frac{3}{4}\right) - \left(-\frac{5}{6}\right) = \left(+\frac{9}{12}\right) + \left(+\frac{10}{12}\right) = \frac{19}{12}$$

21.(정답) ⑤

(해설)

$$① (-5) + (+2) = -(5-2) = -3$$

$$② (+6) + (-8) = -(8-6) = -2$$

$$③ -1 - 5 = (-1) + (-5) = -(1+5) = -6$$

$$④ -3 - 4 = (-3) + (-4) = -(3+4) = -7$$

$$⑤ -10 + 2 = (-10) + (+2) \\ = -(10-2) = -8$$

22.(정답) 교환법칙, 결합법칙

(해설)

23.(정답) 덧셈의 교환법칙 : ㄱ, 덧셈의 결합법

칙 : ㄴ

(해설)

㉠  $-\frac{1}{3}$  과  $+2$  의 더하는 순서가 바뀌었으므로  
덧셈의 교환법칙

㉡  $-\frac{3}{5}$  과  $-\frac{1}{3}$ ,  $+2$  와  $-3$  을 각각 묶었으므로  
덧셈의 결합법칙

24. (정답)  $-7.9$

(해설)

$$(-15.2) + (+7.3) = -(15.2 - 7.3) = -7.9$$

25. (정답) ②

(해설)

$$a = (+5) + (-3) = +2$$

$$b = (-2) - (+3) = (-2) + (-3) = -5$$

$$\therefore a + b = (+2) + (-5) = -3$$