



◇ 「콘텐츠산업 진흥법 시행령」 제33조에 의한 표시
1) 제작연월일 : 2016-02-16
2) 제작자 : 교육지대(주)
3) 이 콘텐츠는 「콘텐츠산업 진흥법」에 따라 최초 제작일부터 5년간 보호됩니다.

◇ 「콘텐츠산업 진흥법」 외에도 「저작권법」에 의하여 보호되는 콘텐츠의 경우, 그 콘텐츠의 전부 또는 일부를 무단으로 복제하거나 전송하는 것은 콘텐츠산업 진흥법 외에도 저작권법에 의한 법적 책임을 질 수 있습니다.

계산시 참고사항

1. 정수와 유리수의 곱셈

- (1) 부호가 같은 두 수의 곱셈: 두 수의 절댓값의 곱에 양의 부호 +를 붙인다.
- (2) 부호가 다른 두 수의 곱셈: 두 수의 절댓값의 곱에 음의 부호 -를 붙인다.
- (3) 세 개 이상의 수의 곱셈
 - ① 먼저 곱의 부호를 정한다.
 - ② 각 수의 절댓값의 곱에 ①에서 정한 부호를 붙인다.

2. 정수와 유리수의 나눗셈

- (1) 부호가 같은 두 수의 나눗셈: 두 수의 절댓값의 나눗셈에 양의 부호 +를 붙인다.
- (2) 부호가 다른 두 수의 나눗셈: 두 수의 절댓값의 나눗셈에 음의 부호 -를 붙인다.

☞ 세 개 이상의 수의 곱셈 부호 결정

- 음수의 개수가 짝수개이면
→ +(양의 부호)
- 음수의 개수가 홀수개이면
→ -(음의 부호)

유리수의 곱셈

▣ 다음을 계산하여라.

1. $(+1) \times (-2)$

2. $(+7) \times (+2)$

3. $(-10) \times (-2)$

4. $(-6) \times (-8)$

5. $(-9) \times (+5)$

6. $0 \times (-10)$

7. $\left(+\frac{2}{5}\right) \times \left(+\frac{15}{4}\right)$

8. $\left(+\frac{4}{3}\right) \times \left(-\frac{21}{8}\right)$

9. $(+2.5) \times (-0.4)$

10. $(+5) \times (+6)$

11. $(-8) \times (-7)$

12. $(-11) \times (+3)$

13. $\left(+\frac{1}{4}\right) \times \left(+\frac{2}{5}\right)$

14. $\left(+\frac{7}{3}\right) \times \left(-\frac{1}{14}\right)$

15. $\left(-\frac{8}{9}\right) \times \left(+\frac{3}{16}\right)$

16. $\left(-\frac{5}{14}\right) \times \left(-\frac{7}{10}\right)$

17. $(-3) \times \left(-\frac{4}{21}\right)$

18. $\left(-\frac{1}{2}\right) \times (+4)$

19. $(+0.7) \times (-5)$

20. $(-3) \times (-0.9)$

21. $\left(-\frac{2}{9}\right) \times (-0.3)$

22. $\left(-\frac{16}{9}\right) \times (-6)$

23. $\left(-\frac{8}{7}\right) \times \left(+\frac{35}{2}\right)$

24. $(-1.2) \times \left(+\frac{1}{3}\right)$

25. $\left(-\frac{10}{3}\right) \times \left(+\frac{12}{5}\right)$

26. $\left(-\frac{10}{9}\right) \times \left(+\frac{7}{15}\right)$

27. $\left(-\frac{15}{16}\right) \times \left(-\frac{20}{27}\right)$

28. $(-3) \times (-4) \times (+5)$

29. $(+7) \times (-2) \times (+4)$

30. $8 \times \left(-\frac{1}{2}\right) \times \frac{3}{4}$

31. $(+3) \times (-2) \times \left(-\frac{5}{6}\right)$

32. $\left(-\frac{3}{5}\right) \times (-1.5) \times \left(+\frac{4}{9}\right)$

33. $\left(+\frac{3}{8}\right) \times (-6) \times (+4)$

34. $\left(+\frac{7}{8}\right) \times \left(+\frac{1}{14}\right) \times \left(-\frac{8}{5}\right)$

35. $(+5) \times (-2.5) \times (-4)$

36. $(-3) \times (+8) \times (+3)$

37. $(-5) \times (-7) \times (-10)$

38. $\left(+\frac{2}{9}\right) \times (-3) \times \left(+\frac{3}{4}\right)$

39. $(-4) \times \left(+\frac{9}{16}\right) \times \left(-\frac{10}{3}\right)$

40. $(-0.6) \times \left(+\frac{5}{2}\right) \times (+8)$

41. $(-8) \times (-1.5) \times \left(+\frac{7}{4}\right)$

42. $(-3) \times (-5) \times (+2) \times (-4)$

43. $(+5) \times (-6) \times (-2) \times (+8)$

44. $\left(-\frac{14}{5}\right) \times \left(+\frac{5}{2}\right) \times \left(-\frac{3}{7}\right) \times \left(-\frac{1}{3}\right)$

45. $\left(+\frac{11}{2}\right) \times \left(+\frac{5}{22}\right) \times \left(+\frac{3}{4}\right) \times \left(-\frac{1}{5}\right)$

46. $\left(-\frac{5}{8}\right) \times (-0.4) \times (-5) \times (+2)$

47. $(+1.2) \times \left(-\frac{5}{6}\right) \times (+2) \times \left(-\frac{3}{10}\right)$

48. $(+6) \times (-3) \times (-4) \times (+0.5)$

49. $(+12) \times \left(-\frac{8}{3}\right) \times \left(+\frac{9}{16}\right)$

50. $\left(-\frac{8}{21}\right) \times \left(-\frac{7}{3}\right) \times \left(-\frac{9}{4}\right)$

51. $\left(-\frac{3}{11}\right) \times \left(-\frac{22}{5}\right) \times \left(-\frac{1}{6}\right)$

52. $\left(-\frac{3}{4}\right) \times (+0.1) \times (-2) \times \left(+\frac{5}{8}\right)$

53. $\left(+\frac{5}{3}\right) \times (+1.2) \times \left(+\frac{1}{2}\right) \times (-0.2)$



유리수의 나눗셈

■ 다음을 계산하여라.

54. $(-49) \div (-7)$

55. $(+63) \div (+7)$

56. $(+15) \div (+3)$

57. $(+42) \div (-7)$

58. $(-18) \div (-9)$

59. $(+9) \div (-3)$

60. $(+20) \div (-4)$

61. $(-48) \div (-6)$

62. $(-24) \div (+6)$

63. $0 \div (+10)$

64. $(-3.6) \div (-0.9)$

65. $(+2.5) \div (-0.5)$

66. $(+3) \div (-18)$

67. $(-2) \div (+16)$

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

69. $\left(+\frac{1}{4}\right) \div \left(-\frac{5}{12}\right)$

70. $\left(-\frac{3}{5}\right) \div \left(-\frac{3}{20}\right)$

71. $(+1.8) \div \left(-\frac{9}{4}\right)$

72. $(-32) \div (-8)$

73. $(-14) \div (-2)$

74. $(-35) \div (+7)$

75. $(+10) \div \left(+\frac{2}{5}\right)$

76. $\left(+\frac{5}{6}\right) \div (-20)$

77. $(-9) \div \left(+\frac{3}{7}\right)$

78. $\left(+\frac{1}{4}\right) \div \left(+\frac{7}{8}\right)$

79. $\left(+\frac{5}{3}\right) \div \left(-\frac{2}{9}\right)$

80. $\left(-\frac{15}{8}\right) \div \left(-\frac{5}{4}\right)$

81. $\left(-\frac{5}{12}\right) \div \left(-\frac{10}{3}\right)$

82. $\left(-\frac{2}{13}\right) \div \left(+\frac{5}{26}\right)$

83. $\left(-\frac{21}{8}\right) \div (-1.5)$

84. $\left(+\frac{13}{16}\right) \div (-2.6)$

85. $(+4.5) \div (+0.3)$

86. $(-2.4) \div (-1.8)$

87. $(+1.5) \div (-0.4)$

88. $\left(+\frac{1}{6}\right) \div (-0.5)$

89. $(+24) \div (+4) \div (+2)$

90. $(+48) \div (+3) \div (-8)$

91. $(+50) \div (-5) \div (+2)$

92. $(+81) \div (-3) \div (-9)$

93. $(-196) \div (-4) \div (-7)$

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

95. $(-54) \div (+3) \div (+6)$

96. $\left(+\frac{8}{9}\right) \div (+4) \div (-6)$

97. $\left(+\frac{4}{5}\right) \div \left(+\frac{3}{4}\right) \div \left(+\frac{1}{10}\right)$

98. $\left(-\frac{3}{8}\right) \div \left(-\frac{6}{7}\right) \div \left(-\frac{7}{9}\right)$

99. $\left(+\frac{7}{10}\right) \div \left(-\frac{2}{5}\right) \div \left(+\frac{14}{3}\right)$

100. $(-8) \div \left(-\frac{4}{7}\right) \div (+14)$

101. $\left(+\frac{4}{7}\right) \div \left(+\frac{10}{3}\right) \div (+1.8)$

102. $\left(-\frac{3}{14}\right) \div \left(-\frac{9}{28}\right)$

103. $\left(-\frac{14}{9}\right) \div (-2.8) \div \left(-\frac{4}{3}\right)$

104. $\left(+\frac{3}{2}\right) \div \left(-\frac{9}{8}\right) \div \left(-\frac{2}{15}\right)$

105. $(+18) \div (-2) \div (-3)$

106. $(-20) \div (+2) \div (-5)$

107. $(-32) \div (-2) \div (-4)$



유리수의 곱셈과 나눗셈의 혼합계산

■ 다음을 계산하여라.

108. $6 \times (-4) \div 12$

109. $(-6) \times (+7) \div (+2)$

110. $(+4) \times (-8) \div (-2)$

111. $(+24) \div (-4) \times (+3)$

112. $(-36) \div (-3) \times (+4)$

113. $8 \times 6 \div (-3)$

114. $(-8) \div 4 \times (-7)$

115. $(-12) \div (-6) \times (-5)$

116. $\left(-\frac{4}{5}\right) \times (-10) \div (+8)$

117. $(+10) \times \left(-\frac{5}{12}\right) \div (+5)$

118. $(+8) \div \left(+\frac{1}{6}\right) \times \left(-\frac{1}{12}\right)$

119. $\left(-\frac{4}{5}\right) \div \left(-\frac{2}{7}\right) \times (+20)$

120. $4 \times \frac{3}{8} \div \left(-\frac{6}{5}\right)$

121. $(-8) \div \frac{4}{5} \times \frac{3}{10}$

122. $(+3) \div \left(-\frac{9}{4}\right) \times (-5)$

123. $\frac{5}{6} \times \left(-\frac{3}{8}\right) \div \left(-\frac{10}{9}\right)$

124. $\left(-\frac{12}{5}\right) \div \left(-\frac{3}{4}\right) \times \frac{15}{4}$

125. $\left(-\frac{8}{15}\right) \times \left(-\frac{27}{32}\right) \div \left(-\frac{12}{25}\right)$

126. $\left(-\frac{16}{9}\right) \div \left(-\frac{5}{2}\right) \times \left(-\frac{3}{8}\right)$

127. $\left(-\frac{5}{4}\right) \div \left(-\frac{10}{3}\right) \times \left(+\frac{5}{6}\right)$

128. $\left(-\frac{3}{8}\right) \div (+1.5) \times \left(-\frac{8}{5}\right)$

129. $(+4.8) \div \left(-\frac{12}{5}\right) \times (-0.2)$

정답 및 해설



- 1) -2
- 2) $+14$
- 3) $+20$
- 4) $+48$
- 5) -45
- 6) 0
- 7) $+\frac{3}{2}$
- 8) $-\frac{7}{2}$
- 9) -1
- 10) $+30$
- 11) $+56$
- 12) -33
- 13) $+\frac{1}{10}$
- 14) $-\frac{1}{6}$
- 15) $-\frac{1}{6}$
- 16) $+\frac{1}{4}$
- 17) $+\frac{4}{7}$
- 18) -2
- 19) -3.5
- 20) $+2.7$
- 21) $+\frac{1}{15}$
- 22) $+\frac{32}{3}$
- 23) -20

$$24) -\frac{2}{5}$$

$$25) -8$$

$$\Rightarrow \left(-\frac{10}{3}\right) \times \left(+\frac{12}{5}\right) = -\left(\frac{10}{3} \times \frac{12}{5}\right) = -8$$

$$26) -\frac{14}{27}$$

$$\Rightarrow \left(-\frac{10}{9}\right) \times \left(+\frac{7}{15}\right) = -\left(\frac{10}{9} \times \frac{7}{15}\right) = -\frac{14}{27}$$

$$27) +\frac{25}{36}$$

$$\Rightarrow \left(-\frac{15}{16}\right) \times \left(-\frac{20}{27}\right) = +\left(\frac{15}{16} \times \frac{20}{27}\right) = +\frac{25}{36}$$

$$28) +60$$

$$\Rightarrow (-3) \times (-4) \times (+5) \\ = (3 \times 4 \times 5) = +60$$

$$29) -56$$

$$\Rightarrow (+7) \times (-2) \times (+4) \\ = -(7 \times 2 \times 4) = -56$$

$$30) -3$$

$$31) +5$$

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

$$32) +\frac{2}{5}$$

$$\Rightarrow \left(-\frac{3}{5}\right) \times (-1.5) \times \left(+\frac{4}{9}\right) = \left(-\frac{3}{5}\right) \times \left(-\frac{3}{2}\right) \times \left(+\frac{4}{9}\right) \\ = +\left(\frac{3}{5} \times \frac{3}{2} \times \frac{4}{9}\right) = +\frac{2}{5}$$

$$33) -9$$

$$\Rightarrow \left(+\frac{3}{8}\right) \times (-6) \times (+4) \\ = -\left(\frac{3}{8} \times 6 \times 4\right) = -9$$

$$34) -\frac{1}{10}$$

$$\Rightarrow \left(+\frac{7}{8}\right) \times \left(+\frac{1}{14}\right) \times \left(-\frac{8}{5}\right) \\ = -\left(\frac{7}{8} \times \frac{1}{14} \times \frac{8}{5}\right) = -\frac{1}{10}$$

$$35) +50$$

$$\Rightarrow (+5) \times (-2.5) \times (-4) \\ = +(5 \times 2.5 \times 4) = +50$$

36) -72

$$\Rightarrow (-3) \times (+8) \times (+3) = -(3 \times 8 \times 3) = -72$$

37) -350

$$\Rightarrow (-5) \times (-7) \times (-10) = -(5 \times 7 \times 10) = -350$$

38) $-\frac{1}{2}$

$$\Rightarrow \left(+\frac{2}{9}\right) \times (-3) \times \left(+\frac{3}{4}\right) = -\left(\frac{2}{9} \times 3 \times \frac{3}{4}\right) = -\frac{1}{2}$$

39) $+\frac{15}{2}$

$$\Rightarrow (-4) \times \left(+\frac{9}{16}\right) \times \left(-\frac{10}{3}\right) = +\left(4 \times \frac{9}{16} \times \frac{10}{3}\right) = +\frac{15}{2}$$

40) -12

$$\begin{aligned} \Rightarrow (-0.6) \times \left(+\frac{5}{2}\right) \times (+8) &= \left(-\frac{3}{5}\right) \times \left(+\frac{5}{2}\right) \times (+8) \\ &= -\left(\frac{3}{5} \times \frac{5}{2} \times 8\right) = -12 \end{aligned}$$

41) $+21$

$$\begin{aligned} \Rightarrow (-8) \times (-1.5) \times \left(+\frac{7}{4}\right) &= (-8) \times \left(-\frac{3}{2}\right) \times \left(+\frac{7}{4}\right) \\ &= +\left(8 \times \frac{3}{2} \times \frac{7}{4}\right) = +21 \end{aligned}$$

42) -120

$$\begin{aligned} \Rightarrow (-3) \times (-5) \times (+2) \times (-4) \\ = -(3 \times 5 \times 2 \times 4) = -120 \end{aligned}$$

43) $+480$

$$\begin{aligned} \Rightarrow (+5) \times (-6) \times (-2) \times (+8) \\ = +(5 \times 6 \times 2 \times 8) = +480 \end{aligned}$$

44) -1

$$\begin{aligned} \Rightarrow \left(-\frac{14}{5}\right) \times \left(+\frac{5}{2}\right) \times \left(-\frac{3}{7}\right) \times \left(-\frac{1}{3}\right) \\ = -\left(\frac{14}{5} \times \frac{5}{2} \times \frac{3}{7} \times \frac{1}{3}\right) = -1 \end{aligned}$$

45) $-\frac{3}{16}$

$$\begin{aligned} \Rightarrow \left(+\frac{11}{2}\right) \times \left(+\frac{5}{22}\right) \times \left(+\frac{3}{4}\right) \times \left(-\frac{1}{5}\right) \\ = -\left(\frac{11}{2} \times \frac{5}{22} \times \frac{3}{4} \times \frac{1}{5}\right) = -\frac{3}{16} \end{aligned}$$

46) $-\frac{5}{2}$

$$\begin{aligned} \Rightarrow \left(-\frac{5}{8}\right) \times (-0.4) \times (-5) \times (+2) \\ = -\left(\frac{5}{8} \times \frac{4}{10} \times 5 \times 2\right) = -\frac{5}{2} \end{aligned}$$

47) $+\frac{3}{5}$

$$\begin{aligned} \Rightarrow (+1.2) \times \left(-\frac{5}{6}\right) \times (+2) \times \left(-\frac{3}{10}\right) \\ = +\left(\frac{12}{10} \times \frac{5}{6} \times 2 \times \frac{3}{10}\right) = +\frac{3}{5} \end{aligned}$$

48) $+36$

49) -18

50) -2

51) $-\frac{1}{5}$

$$\begin{aligned} \Rightarrow \left(-\frac{3}{11}\right) \times \left(-\frac{22}{5}\right) \times \left(-\frac{1}{6}\right) \\ = -\left(\frac{3}{11} \times \frac{22}{5} \times \frac{1}{6}\right) = -\frac{1}{5} \end{aligned}$$

52) $+\frac{3}{32}$

$$\begin{aligned} \Rightarrow \left(-\frac{3}{4}\right) \times (+0.1) \times (-2) \times \left(+\frac{5}{8}\right) \\ = +\left(\frac{3}{4} \times \frac{1}{10} \times 2 \times \frac{5}{8}\right) = +\frac{3}{32} \end{aligned}$$

53) $-\frac{1}{5}$

$$\begin{aligned} \Rightarrow \left(+\frac{5}{3}\right) \times (+1.2) \times \left(+\frac{1}{2}\right) \times (-0.2) \\ = -\left(\frac{5}{3} \times \frac{12}{10} \times \frac{1}{2} \times \frac{2}{10}\right) = -\frac{1}{5} \end{aligned}$$

54) $+7$

55) $+9$

56) $+5$

57) -6

58) $+2$

59) -3

60) -5

61) $+8$

62) -4

63) 0

64) $+4$

65) -5

66) $-\frac{1}{6}$

$\Rightarrow (\text{주어진 식}) = (+3) \times \left(-\frac{1}{18}\right) = -\frac{1}{6}$

67) $-\frac{1}{8}$

$\Rightarrow (\text{주어진 식}) = (-2) \times \left(+\frac{1}{16}\right) = -\frac{1}{8}$

68) -4

$\Rightarrow (\text{주어진 식}) = (+3) \times \left(-\frac{4}{3}\right) = -4$

69) $-\frac{3}{5}$

$\Rightarrow (\text{주어진 식}) = \left(+\frac{1}{4}\right) \times \left(-\frac{12}{5}\right) = -\frac{3}{5}$

70) 4

$\Rightarrow (\text{주어진 식}) = \left(-\frac{3}{5}\right) \times \left(-\frac{20}{3}\right) = 4$

71) $-\frac{4}{5}$

$\Rightarrow (\text{주어진 식}) = \left(+\frac{18}{10}\right) \times \left(-\frac{4}{9}\right) = -\frac{4}{5}$

72) $+4$

$\Rightarrow (-32) \div (-8) = +(32 \div 8) = +4$

73) $+7$

$\Rightarrow (-14) \div (-2) = +(14 \div 2) = +7$

74) -5

$\Rightarrow (-35) \div (+7) = -(35 \div 7) = -5$

75) $+25$

76) $-\frac{1}{24}$

$$\begin{aligned} \Rightarrow \left(+\frac{5}{6}\right) \div (-20) &= \left(+\frac{5}{6}\right) \times \left(-\frac{1}{20}\right) \\ &= -\left(\frac{5}{6} \times \frac{1}{20}\right) = -\frac{1}{24} \end{aligned}$$

77) -21

$$\begin{aligned} \Rightarrow (-9) \div \left(+\frac{3}{7}\right) &= (-9) \times \left(+\frac{7}{3}\right) \\ &= -\left(9 \times \frac{7}{3}\right) = -21 \end{aligned}$$

78) $+\frac{2}{7}$

$$\begin{aligned} \Rightarrow \left(+\frac{1}{4}\right) \div \left(+\frac{7}{8}\right) &= \left(+\frac{1}{4}\right) \times \left(+\frac{8}{7}\right) \\ &= +\left(\frac{1}{4} \times \frac{8}{7}\right) = +\frac{2}{7} \end{aligned}$$

79) $-\frac{15}{2}$

$$\begin{aligned} \Rightarrow \left(+\frac{5}{3}\right) \div \left(-\frac{2}{9}\right) &= \left(+\frac{5}{3}\right) \times \left(-\frac{9}{2}\right) \\ &= -\left(\frac{5}{3} \times \frac{9}{2}\right) = -\frac{15}{2} \end{aligned}$$

80) $+\frac{3}{2}$

$$\begin{aligned} \Rightarrow \left(-\frac{15}{8}\right) \div \left(-\frac{5}{4}\right) &= \left(-\frac{15}{8}\right) \times \left(-\frac{4}{5}\right) \\ &= +\left(\frac{15}{8} \times \frac{4}{5}\right) = +\frac{3}{2} \end{aligned}$$

81) $+\frac{1}{8}$

$$\begin{aligned} \Rightarrow \left(-\frac{5}{12}\right) \div \left(-\frac{10}{3}\right) &= \left(-\frac{5}{12}\right) \times \left(-\frac{3}{10}\right) \\ &= +\left(\frac{5}{12} \times \frac{3}{10}\right) = +\frac{1}{8} \end{aligned}$$

82) $-\frac{4}{5}$

$$\begin{aligned} \Rightarrow \left(-\frac{2}{13}\right) \div \left(+\frac{5}{26}\right) &= \left(-\frac{2}{13}\right) \times \left(+\frac{26}{5}\right) \\ &= -\left(\frac{2}{13} \times \frac{26}{5}\right) = -\frac{4}{5} \end{aligned}$$

83) $+\frac{7}{4}$

$$\begin{aligned} \Rightarrow \left(-\frac{21}{8}\right) \div (-1.5) &= \left(-\frac{21}{8}\right) \div \left(-\frac{3}{2}\right) \\ &= \left(-\frac{21}{8}\right) \times \left(-\frac{2}{3}\right) = +\frac{7}{4} \end{aligned}$$

84) $-\frac{5}{16}$

$$\begin{aligned} \Rightarrow \left(+\frac{13}{16}\right) \div (-2.6) &= \left(+\frac{13}{16}\right) \div \left(-\frac{13}{5}\right) \\ &= \left(+\frac{13}{16}\right) \times \left(-\frac{5}{13}\right) = -\frac{5}{16} \end{aligned}$$

85) $+15$

$$\begin{aligned} \Rightarrow (+4.5) \div (+0.3) &= \left(+\frac{45}{10}\right) \div \left(+\frac{3}{10}\right) \\ &= +\left(\frac{45}{10} \times \frac{10}{3}\right) = +15 \end{aligned}$$

86) $+\frac{4}{3}$

$$\Rightarrow (-2.4) \div (-1.8) = \left(-\frac{24}{10}\right) \div \left(-\frac{18}{10}\right) \\ = +\left(\frac{24}{10} \times \frac{10}{18}\right) = +\frac{4}{3}$$

$$87) -\frac{15}{4}$$

$$\Rightarrow (+1.5) \div (-0.4) = \left(+\frac{15}{10}\right) \div \left(-\frac{4}{10}\right) \\ = -\left(\frac{15}{10} \times \frac{10}{4}\right) = -\frac{15}{4}$$

$$88) -\frac{1}{3}$$

$$\Rightarrow \left(+\frac{1}{6}\right) \div (-0.5) = \left(+\frac{1}{6}\right) \div \left(-\frac{5}{10}\right) \\ = -\left(\frac{1}{6} \times \frac{10}{5}\right) = -\frac{1}{3}$$

$$89) +3$$

$$\Rightarrow (+24) \div (+4) \div (+2) \\ = +(24 \div 4 \div 2) = +3$$

$$90) -2$$

$$\Rightarrow (+48) \div (+3) \div (-8) \\ = -(48 \div 3 \div 8) = -2$$

$$91) -5$$

$$\Rightarrow (+50) \div (-5) \div (+2) \\ = -(50 \div 5 \div 2) = -5$$

$$92) +3$$

$$\Rightarrow (+81) \div (-3) \div (-9) \\ = (-27) \div (-9) = +3$$

$$93) -7$$

$$\Rightarrow (-196) \div (-4) \div (-7) \\ = (+49) \div (-7) = -7$$

$$94) +\frac{1}{24}$$

$$\Rightarrow \left(+\frac{1}{2}\right) \div (-3) \div (-4) = \left(+\frac{1}{2}\right) \times \left(-\frac{1}{3}\right) \div (-4) \\ = \left(-\frac{1}{6}\right) \times \left(-\frac{1}{4}\right) = +\frac{1}{24}$$

$$95) -3$$

$$\Rightarrow (-54) \div (+3) \div (+6) \\ = -(54 \div 3 \div 6) = -3$$

$$96) -\frac{1}{27}$$

$$\Rightarrow \left(+\frac{8}{9}\right) \div (+4) \div (-6) = \left(+\frac{8}{9}\right) \times \left(+\frac{1}{4}\right) \div (-6) \\ = \left(+\frac{2}{9}\right) \times \left(-\frac{1}{6}\right) = -\frac{1}{27}$$

$$97) +\frac{32}{3}$$

$$\Rightarrow \left(+\frac{4}{5}\right) \div \left(+\frac{3}{4}\right) \div \left(+\frac{1}{10}\right) \\ = \left(+\frac{4}{5}\right) \times \left(+\frac{4}{3}\right) \div \left(+\frac{1}{10}\right) \\ = \left(+\frac{16}{15}\right) \times (+10) = +\frac{32}{3}$$

$$98) -\frac{9}{16}$$

$$\Rightarrow \left(-\frac{3}{8}\right) \div \left(-\frac{6}{7}\right) \div \left(-\frac{7}{9}\right) \\ = \left(-\frac{3}{8}\right) \times \left(-\frac{7}{6}\right) \div \left(-\frac{7}{9}\right) \\ = \left(+\frac{7}{16}\right) \times \left(-\frac{9}{7}\right) = -\frac{9}{16}$$

$$99) -\frac{3}{8}$$

$$\Rightarrow \left(+\frac{7}{10}\right) \div \left(-\frac{2}{5}\right) \div \left(+\frac{14}{3}\right) \\ = \left(+\frac{7}{10}\right) \times \left(-\frac{5}{2}\right) \div \left(+\frac{14}{3}\right) \\ = \left(-\frac{7}{4}\right) \times \left(+\frac{3}{14}\right) = -\frac{3}{8}$$

$$100) +1$$

$$\Rightarrow (-8) \div \left(-\frac{4}{7}\right) \div (+14) \\ = (-8) \times \left(-\frac{7}{4}\right) \div (+14) \\ = (+14) \times \left(+\frac{1}{14}\right) = +1$$

$$101) +\frac{2}{21}$$

$$\Rightarrow \left(+\frac{4}{7}\right) \div \left(+\frac{10}{3}\right) \div (+1.8) \\ = \left(+\frac{4}{7}\right) \times \left(+\frac{3}{10}\right) \div \left(+\frac{18}{10}\right) \\ = \left(+\frac{6}{35}\right) \times \left(+\frac{10}{18}\right) = +\frac{2}{21}$$

$$102) +\frac{2}{3}$$

$$\Rightarrow \left(-\frac{3}{14}\right) \div \left(-\frac{9}{28}\right) = \left(+\frac{3}{14} \times \frac{28}{9}\right) = +\frac{2}{3}$$

$$103) -\frac{5}{12}$$

$$\Rightarrow \left(-\frac{14}{9}\right) \div (-2.8) \div \left(-\frac{4}{3}\right) \\ = \left(-\frac{14}{9}\right) \div \left(-\frac{28}{10}\right) \div \left(-\frac{4}{3}\right) \\ = -\left(\frac{14}{9} \times \frac{10}{28} \times \frac{3}{4}\right) = -\frac{5}{12}$$

$$104) +10$$

$$\Rightarrow \left(+\frac{3}{2}\right) \div \left(-\frac{9}{8}\right) \div \left(-\frac{2}{15}\right)$$

$$= +\left(\frac{3}{2} \times \frac{8}{9} \times \frac{15}{2}\right) = +10$$

$$105) +3$$

$$\Rightarrow (+18) \div (-2) \div (-3)$$

$$= +(18 \div 2 \div 3) = +3$$

$$106) +2$$

$$\Rightarrow (-20) \div (+2) \div (-5)$$

$$= +(20 \div 2 \div 5) = +2$$

$$107) -4$$

$$\Rightarrow (-32) \div (-2) \div (-4)$$

$$= -(32 \div 2 \div 4) = -4$$

$$108) -2$$

$$\Rightarrow 6 \times (-4) \div 12 = (-24) \times \frac{1}{12} = -2$$

$$109) -21$$

$$110) 16$$

$$111) -18$$

$$\Rightarrow (+24) \div (-4) \times (+3)$$

$$= (-6) \times (+3) = -18$$

$$112) +48$$

$$\Rightarrow (-36) \div (-3) \times (+4)$$

$$= (+12) \times (+4) = +48$$

$$113) -16$$

$$\Rightarrow 8 \times 6 \div (-3) = 48 \times \left(-\frac{1}{3}\right) = -16$$

$$114) 14$$

$$\Rightarrow (-8) \div 4 \times (-7) = (-8) \times \frac{1}{4} \times (-7) = 14$$

$$115) -10$$

$$\Rightarrow (-12) \div (-6) \times (-5) = (-12) \times \left(-\frac{1}{6}\right) \times (-5) = -10$$

$$116) +1$$

$$\Rightarrow \left(-\frac{4}{5}\right) \times (-10) \div (+8)$$

$$= +\left(\frac{4}{5} \times 10 \times \frac{1}{8}\right) = +1$$

$$117) -\frac{5}{6}$$

$$\Rightarrow (+10) \times \left(-\frac{5}{12}\right) \div (+5)$$

$$= -\left(10 \times \frac{5}{12} \times \frac{1}{5}\right) = -\frac{5}{6}$$

$$118) -4$$

$$\Rightarrow (+8) \div \left(+\frac{1}{6}\right) \times \left(-\frac{1}{12}\right)$$

$$= -\left(8 \times 6 \times \frac{1}{12}\right) = -4$$

$$119) +56$$

$$\Rightarrow \left(-\frac{4}{5}\right) \div \left(-\frac{2}{7}\right) \times (+20)$$

$$= +\left(\frac{4}{5} \times \frac{7}{2} \times 20\right) = +56$$

$$120) -\frac{5}{4}$$

$$\Rightarrow 4 \times \frac{3}{8} \div \left(-\frac{6}{5}\right) = 4 \times \frac{3}{8} \times \left(-\frac{5}{6}\right) = -\frac{5}{4}$$

$$121) -3$$

$$\Rightarrow (-8) \div \frac{4}{5} \times \frac{3}{10} = (-8) \times \frac{5}{4} \times \frac{3}{10} = -3$$

$$122) \frac{20}{3}$$

$$\Rightarrow (\text{주어진 식}) = (+3) \times \left(-\frac{4}{9}\right) \times (-5) = \frac{20}{3}$$

$$123) \frac{9}{32}$$

$$\Rightarrow \frac{5}{6} \times \left(-\frac{3}{8}\right) \div \left(-\frac{10}{9}\right) = \frac{5}{6} \times \left(-\frac{3}{8}\right) \times \left(-\frac{9}{10}\right) = \frac{9}{32}$$

$$124) 12$$

$$\Rightarrow \left(-\frac{12}{5}\right) \div \left(-\frac{3}{4}\right) \times \frac{15}{4} = \left(-\frac{12}{5}\right) \times \left(-\frac{4}{3}\right) \times \frac{15}{4} = 12$$

$$125) -\frac{15}{16}$$

$$\Rightarrow \left(-\frac{8}{15}\right) \times \left(-\frac{27}{32}\right) \div \left(-\frac{12}{25}\right)$$

$$= \left(-\frac{8}{15}\right) \times \left(-\frac{27}{32}\right) \times \left(-\frac{25}{12}\right) = -\frac{15}{16}$$

$$126) -\frac{4}{15}$$

$$\Rightarrow \left(-\frac{16}{9}\right) \div \left(-\frac{5}{2}\right) \times \left(-\frac{3}{8}\right)$$

$$= \left(-\frac{16}{9}\right) \times \left(-\frac{2}{5}\right) \times \left(-\frac{3}{8}\right) = -\frac{4}{15}$$

$$127) +\frac{5}{16}$$

$$\Rightarrow \left(-\frac{5}{4}\right) \div \left(-\frac{10}{3}\right) \times \left(+\frac{5}{6}\right)$$

$$= +\left(\frac{5}{4} \times \frac{3}{10} \times \frac{5}{6}\right) = +\frac{5}{16}$$

$$128) +\frac{2}{5}$$

$$\begin{aligned} \Rightarrow & \left(-\frac{3}{8}\right) \div (+1.5) \times \left(-\frac{8}{5}\right) \\ & = \left(-\frac{3}{8}\right) \div \left(+\frac{15}{10}\right) \times \left(-\frac{8}{5}\right) \\ & = +\left(\frac{3}{8} \times \frac{10}{15} \times \frac{8}{5}\right) = +\frac{2}{5} \end{aligned}$$

$$129) +\frac{2}{5}$$

$$\begin{aligned} \Rightarrow & (+4.8) \div \left(-\frac{12}{5}\right) \times (-0.2) \\ & = \left(+\frac{48}{10}\right) \div \left(-\frac{12}{5}\right) \times \left(-\frac{2}{10}\right) \\ & = +\left(\frac{48}{10} \times \frac{5}{12} \times \frac{2}{10}\right) = +\frac{2}{5} \end{aligned}$$