계산력 연습

중 1 과정

[영역] 1. 수와 연산

1-4-2.정수와 유리수의 곱셈과 나눗셈

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계산시 참고사항

1. 정수와 유리수의 곱셈
(1) 부호가 같은 두 수의 곱셈: 두 수의 절댓값의 곱에 <u>양의 부호 +</u>를 붙인다.
(2) 부호가 다른 두 수의 곱셈: 두 수의 절댓값의 곱에 <u>음의 부호 −</u>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. $\left(+\dfrac{2}{5}\right) \times \left(+\dfrac{15}{4}\right)$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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. $6\times(-4)\div12$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

정답 및 해설

1) -2

2) $+14$

3) $+20$

4) $+48$

5) -45

6) 0

7) $+\dfrac{3}{2}$

8) $-\dfrac{7}{2}$

9) -1

10) $+30$

11) $+56$

12) -33

13) $+\dfrac{1}{10}$

14) $-\dfrac{1}{6}$

15) $-\dfrac{1}{6}$

16) $+\dfrac{1}{4}$

17) $+\dfrac{4}{7}$

18) -2

19) -3.5

20) $+2.7$

21) $+\dfrac{1}{15}$

22) $+\dfrac{32}{3}$

23) -20

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

25) -8

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

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

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

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

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

28) $+60$

$\Rightarrow (-3)\times(-4)\times(+5)$
$=(3\times4\times5)=+60$

29) -56

$\Rightarrow (+7)\times(-2)\times(+4)$
$=-(7\times2\times4)=-56$

30) -3

31) $+5$

$\Rightarrow (+3)\times(-2)\times\left(-\dfrac{5}{6}\right)$
$=+\left(3\times2\times\dfrac{5}{6}\right)=+5$

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

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

33) -9

$\Rightarrow \left(+\dfrac{3}{8}\right)\times(-6)\times(+4)$
$=-\left(\dfrac{3}{8}\times6\times4\right)=-9$

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

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

35) $+50$

$\Rightarrow (+5)\times(-2.5)\times(-4)$
$=+(5\times2.5\times4)=+50$

36) -72

$\Rightarrow (-3)\times(+8)\times(+3)=-(3\times8\times3)=-72$

37) -350

$\Rightarrow (-5)\times(-7)\times(-10)=-(5\times7\times10)=-350$

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

$\Rightarrow \left(+\dfrac{2}{9}\right)\times(-3)\times\left(+\dfrac{3}{4}\right)=-\left(\dfrac{2}{9}\times3\times\dfrac{3}{4}\right)=-\dfrac{1}{2}$

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

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

40) -12

$\Rightarrow (-0.6)\times\left(+\dfrac{5}{2}\right)\times(+8)=\left(-\dfrac{3}{5}\right)\times\left(+\dfrac{5}{2}\right)\times(+8)$

$=-\left(\dfrac{3}{5}\times\dfrac{5}{2}\times8\right)=-12$

41) $+21$

$\Rightarrow (-8)\times(-1.5)\times\left(+\dfrac{7}{4}\right)=(-8)\times\left(-\dfrac{3}{2}\right)\times\left(+\dfrac{7}{4}\right)$

$=+\left(8\times\dfrac{3}{2}\times\dfrac{7}{4}\right)=+21$

42) -120

$\Rightarrow (-3)\times(-5)\times(+2)\times(-4)$
$=-(3\times5\times2\times4)=-120$

43) $+480$

$\Rightarrow (+5)\times(-6)\times(-2)\times(+8)$
$=+(5\times6\times2\times8)=+480$

44) -1

$\Rightarrow \left(-\dfrac{14}{5}\right)\times\left(+\dfrac{5}{2}\right)\times\left(-\dfrac{3}{7}\right)\times\left(-\dfrac{1}{3}\right)$

$=-\left(\dfrac{14}{5}\times\dfrac{5}{2}\times\dfrac{3}{7}\times\dfrac{1}{3}\right)=-1$

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

$\Rightarrow \left(+\dfrac{11}{2}\right)\times\left(+\dfrac{5}{22}\right)\times\left(+\dfrac{3}{4}\right)\times\left(-\dfrac{1}{5}\right)$

$=-\left(\dfrac{11}{2}\times\dfrac{5}{22}\times\dfrac{3}{4}\times\dfrac{1}{5}\right)=-\dfrac{3}{16}$

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

$\Rightarrow \left(-\dfrac{5}{8}\right)\times(-0.4)\times(-5)\times(+2)$

$=-\left(\dfrac{5}{8}\times\dfrac{4}{10}\times5\times2\right)=-\dfrac{5}{2}$

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

$\Rightarrow (+1.2)\times\left(-\dfrac{5}{6}\right)\times(+2)\times\left(-\dfrac{3}{10}\right)$

$=+\left(\dfrac{12}{10}\times\dfrac{5}{6}\times2\times\dfrac{3}{10}\right)=+\dfrac{3}{5}$

48) $+36$

49) -18

50) -2

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

$\Rightarrow \left(-\dfrac{3}{11}\right)\times\left(-\dfrac{22}{5}\right)\times\left(-\dfrac{1}{6}\right)$

$=-\left(\dfrac{3}{11}\times\dfrac{22}{5}\times\dfrac{1}{6}\right)=-\dfrac{1}{5}$

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

$\Rightarrow \left(-\dfrac{3}{4}\right)\times(+0.1)\times(-2)\times\left(+\dfrac{5}{8}\right)$

$=+\left(\dfrac{3}{4}\times\dfrac{1}{10}\times2\times\dfrac{5}{8}\right)=+\dfrac{3}{32}$

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

$\Rightarrow \left(+\dfrac{5}{3}\right)\times(+1.2)\times\left(+\dfrac{1}{2}\right)\times(-0.2)$

$=-\left(\dfrac{5}{3}\times\dfrac{12}{10}\times\dfrac{1}{2}\times\dfrac{2}{10}\right)=-\dfrac{1}{5}$

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) $-\dfrac{1}{6}$

⇨ (주어진 식)$=(+3)\times\left(-\dfrac{1}{18}\right)=-\dfrac{1}{6}$

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

⇨ (주어진 식)$=(-2)\times\left(+\dfrac{1}{16}\right)=-\dfrac{1}{8}$

68) -4

⇨ (주어진 식)$=(+3)\times\left(-\dfrac{4}{3}\right)=-4$

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

⇨ (주어진 식)$=\left(+\dfrac{1}{4}\right)\times\left(-\dfrac{12}{5}\right)=-\dfrac{3}{5}$

70) 4

⇨ (주어진 식)$=\left(-\dfrac{3}{5}\right)\times\left(-\dfrac{20}{3}\right)=4$

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

⇨ (주어진 식)$=\left(+\dfrac{18}{10}\right)\times\left(-\dfrac{4}{9}\right)=-\dfrac{4}{5}$

72) $+4$
⇨ $(-32)\div(-8)=+(32\div8)=+4$

73) $+7$
⇨ $(-14)\div(-2)=+(14\div2)=+7$

74) -5
⇨ $(-35)\div(+7)=-(35\div7)=-5$

75) $+25$

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

⇨ $\left(+\dfrac{5}{6}\right)\div(-20)=\left(+\dfrac{5}{6}\right)\times\left(-\dfrac{1}{20}\right)$
$\qquad\qquad=-\left(\dfrac{5}{6}\times\dfrac{1}{20}\right)=-\dfrac{1}{24}$

77) -21

⇨ $(-9)\div\left(+\dfrac{3}{7}\right)=(-9)\times\left(+\dfrac{7}{3}\right)$
$\qquad\qquad=-\left(9\times\dfrac{7}{3}\right)=-21$

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

⇨ $\left(+\dfrac{1}{4}\right)\div\left(+\dfrac{7}{8}\right)=\left(+\dfrac{1}{4}\right)\times\left(+\dfrac{8}{7}\right)$
$\qquad\qquad=+\left(\dfrac{1}{4}\times\dfrac{8}{7}\right)=+\dfrac{2}{7}$

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

⇨ $\left(+\dfrac{5}{3}\right)\div\left(-\dfrac{2}{9}\right)=\left(+\dfrac{5}{3}\right)\times\left(-\dfrac{9}{2}\right)$
$\qquad\qquad=-\left(\dfrac{5}{3}\times\dfrac{9}{2}\right)=-\dfrac{15}{2}$

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

⇨ $\left(-\dfrac{15}{8}\right)\div\left(-\dfrac{5}{4}\right)=\left(-\dfrac{15}{8}\right)\times\left(-\dfrac{4}{5}\right)$
$\qquad\qquad=+\left(\dfrac{15}{8}\times\dfrac{4}{5}\right)=+\dfrac{3}{2}$

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

⇨ $\left(-\dfrac{5}{12}\right)\div\left(-\dfrac{10}{3}\right)=\left(-\dfrac{5}{12}\right)\times\left(-\dfrac{3}{10}\right)$
$\qquad\qquad=+\left(\dfrac{5}{12}\times\dfrac{3}{10}\right)=+\dfrac{1}{8}$

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

⇨ $\left(-\dfrac{2}{13}\right)\div\left(+\dfrac{5}{26}\right)=\left(-\dfrac{2}{13}\right)\times\left(+\dfrac{26}{5}\right)$
$\qquad\qquad=-\left(\dfrac{2}{13}\times\dfrac{26}{5}\right)=-\dfrac{4}{5}$

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

⇨ $\left(-\dfrac{21}{8}\right)\div(-1.5)=\left(-\dfrac{21}{8}\right)\div\left(-\dfrac{3}{2}\right)$
$\quad=\left(-\dfrac{21}{8}\right)\times\left(-\dfrac{2}{3}\right)=+\dfrac{7}{4}$

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

⇨ $\left(+\dfrac{13}{16}\right)\div(-2.6)=\left(+\dfrac{13}{16}\right)\div\left(-\dfrac{13}{5}\right)$
$\quad=\left(+\dfrac{13}{16}\right)\times\left(-\dfrac{5}{13}\right)=-\dfrac{5}{16}$

85) $+15$

⇨ $(+4.5)\div(+0.3)=\left(+\dfrac{45}{10}\right)\div\left(+\dfrac{3}{10}\right)$
$\qquad\qquad=+\left(\dfrac{45}{10}\times\dfrac{10}{3}\right)=+15$

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

$\Rightarrow (-2.4) \div (-1.8) = \left(-\dfrac{24}{10}\right) \div \left(-\dfrac{18}{10}\right)$

$\qquad = +\left(\dfrac{24}{10} \times \dfrac{10}{18}\right) = +\dfrac{4}{3}$

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

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

$\qquad = -\left(\dfrac{15}{10} \times \dfrac{10}{4}\right) = -\dfrac{15}{4}$

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

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

$\qquad = -\left(\dfrac{1}{6} \times \dfrac{10}{5}\right) = -\dfrac{1}{3}$

89) $+3$

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

90) -2

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

91) -5

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

92) $+3$

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

93) -7

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

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

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

$\qquad = \left(-\dfrac{1}{6}\right) \times \left(-\dfrac{1}{4}\right) = +\dfrac{1}{24}$

95) -3

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

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

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

$\qquad = \left(+\dfrac{2}{9}\right) \times \left(-\dfrac{1}{6}\right) = -\dfrac{1}{27}$

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

$\Rightarrow \left(+\dfrac{4}{5}\right) \div \left(+\dfrac{3}{4}\right) \div \left(+\dfrac{1}{10}\right)$

$\qquad = \left(+\dfrac{4}{5}\right) \times \left(+\dfrac{4}{3}\right) \div \left(+\dfrac{1}{10}\right)$

$\qquad = \left(+\dfrac{16}{15}\right) \times (+10) = +\dfrac{32}{3}$

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

$\Rightarrow \left(-\dfrac{3}{8}\right) \div \left(-\dfrac{6}{7}\right) \div \left(-\dfrac{7}{9}\right)$

$\qquad = \left(-\dfrac{3}{8}\right) \times \left(-\dfrac{7}{6}\right) \div \left(-\dfrac{7}{9}\right)$

$\qquad = \left(+\dfrac{7}{16}\right) \times \left(-\dfrac{9}{7}\right) = -\dfrac{9}{16}$

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

$\Rightarrow \left(+\dfrac{7}{10}\right) \div \left(-\dfrac{2}{5}\right) \div \left(+\dfrac{14}{3}\right)$

$\qquad = \left(+\dfrac{7}{10}\right) \times \left(-\dfrac{5}{2}\right) \div \left(+\dfrac{14}{3}\right)$

$\qquad = \left(-\dfrac{7}{4}\right) \times \left(+\dfrac{3}{14}\right) = -\dfrac{3}{8}$

100) $+1$

$\Rightarrow (-8) \div \left(-\dfrac{4}{7}\right) \div (+14)$

$\qquad = (-8) \times \left(-\dfrac{7}{4}\right) \div (+14)$

$\qquad = (+14) \times \left(+\dfrac{1}{14}\right) = +1$

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

$\Rightarrow \left(+\dfrac{4}{7}\right) \div \left(+\dfrac{10}{3}\right) \div (+1.8)$

$\qquad = \left(+\dfrac{4}{7}\right) \times \left(+\dfrac{3}{10}\right) \div \left(+\dfrac{18}{10}\right)$

$\qquad = \left(+\dfrac{6}{35}\right) \times \left(+\dfrac{10}{18}\right) = +\dfrac{2}{21}$

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

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

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

$\Rightarrow \left(-\dfrac{14}{9}\right) \div (-2.8) \div \left(-\dfrac{4}{3}\right)$

$\qquad = \left(-\dfrac{14}{9}\right) \div \left(-\dfrac{28}{10}\right) \div \left(-\dfrac{4}{3}\right)$

$\qquad = -\left(\dfrac{14}{9} \times \dfrac{10}{28} \times \dfrac{3}{4}\right) = -\dfrac{5}{12}$

104) $+10$

$\Rightarrow \left(+\dfrac{3}{2}\right)\div\left(-\dfrac{9}{8}\right)\div\left(-\dfrac{2}{15}\right)$
$=+\left(\dfrac{3}{2}\times\dfrac{8}{9}\times\dfrac{15}{2}\right)=+10$

105) $+3$
$\Rightarrow (+18)\div(-2)\div(-3)$
$=+(18\div2\div3)=+3$

106) $+2$
$\Rightarrow (-20)\div(+2)\div(-5)$
$=+(20\div2\div5)=+2$

107) -4
$\Rightarrow (-32)\div(-2)\div(-4)$
$=-(32\div2\div4)=-4$

108) -2
$\Rightarrow 6\times(-4)\div12=(-24)\times\dfrac{1}{12}=-2$

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
$\Rightarrow 8\times6\div(-3)=48\times\left(-\dfrac{1}{3}\right)=-16$

114) 14
$\Rightarrow (-8)\div4\times(-7)=(-8)\times\dfrac{1}{4}\times(-7)=14$

115) -10
$\Rightarrow (-12)\div(-6)\times(-5)=(-12)\times\left(-\dfrac{1}{6}\right)\times(-5)=-10$

116) $+1$
$\Rightarrow \left(-\dfrac{4}{5}\right)\times(-10)\div(+8)$
$=+\left(\dfrac{4}{5}\times10\times\dfrac{1}{8}\right)=+1$

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

118) -4
$\Rightarrow (+8)\div\left(+\dfrac{1}{6}\right)\times\left(-\dfrac{1}{12}\right)$
$=-\left(8\times6\times\dfrac{1}{12}\right)=-4$

119) $+56$
$\Rightarrow \left(-\dfrac{4}{5}\right)\div\left(-\dfrac{2}{7}\right)\times(+20)$
$=+\left(\dfrac{4}{5}\times\dfrac{7}{2}\times20\right)=+56$

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

121) -3
$\Rightarrow (-8)\div\dfrac{4}{5}\times\dfrac{3}{10}=(-8)\times\dfrac{5}{4}\times\dfrac{3}{10}=-3$

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

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

124) 12
$\Rightarrow \left(-\dfrac{12}{5}\right)\div\left(-\dfrac{3}{4}\right)\times\dfrac{15}{4}=\left(-\dfrac{12}{5}\right)\times\left(-\dfrac{4}{3}\right)\times\dfrac{15}{4}=12$

125) $-\dfrac{15}{16}$
$\Rightarrow \left(-\dfrac{8}{15}\right)\times\left(-\dfrac{27}{32}\right)\div\left(-\dfrac{12}{25}\right)$
$=\left(-\dfrac{8}{15}\right)\times\left(-\dfrac{27}{32}\right)\times\left(-\dfrac{25}{12}\right)=-\dfrac{15}{16}$

126) $-\dfrac{4}{15}$
$\Rightarrow \left(-\dfrac{16}{9}\right)\div\left(-\dfrac{5}{2}\right)\times\left(-\dfrac{3}{8}\right)$
$=\left(-\dfrac{16}{9}\right)\times\left(-\dfrac{2}{5}\right)\times\left(-\dfrac{3}{8}\right)=-\dfrac{4}{15}$

127) $+\dfrac{5}{16}$
$\Rightarrow \left(-\dfrac{5}{4}\right)\div\left(-\dfrac{10}{3}\right)\times\left(+\dfrac{5}{6}\right)$
$=+\left(\dfrac{5}{4}\times\dfrac{3}{10}\times\dfrac{5}{6}\right)=+\dfrac{5}{16}$

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

$\Rightarrow \left(-\dfrac{3}{8}\right) \div (+1.5) \times \left(-\dfrac{8}{5}\right)$

$\quad = \left(-\dfrac{3}{8}\right) \div \left(+\dfrac{15}{10}\right) \times \left(-\dfrac{8}{5}\right)$

$\quad = + \left(\dfrac{3}{8} \times \dfrac{10}{15} \times \dfrac{8}{5}\right) = +\dfrac{2}{5}$

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

$\Rightarrow (+4.8) \div \left(-\dfrac{12}{5}\right) \times (-0.2)$

$\quad = \left(+\dfrac{48}{10}\right) \div \left(-\dfrac{12}{5}\right) \times \left(-\dfrac{2}{10}\right)$

$\quad = + \left(\dfrac{48}{10} \times \dfrac{5}{12} \times \dfrac{2}{10}\right) = +\dfrac{2}{5}$