

$$\textcircled{1} (64 - 33 + 52 \div 4 - 72 \div 8 + 3 \times 7) \div (9 + 5 - 7)$$

$$(64 - 33 + 13 - 72 \div 8 + 3 \times 7) \div (14 - 7)$$

$$(64 - 33 + 13 - 9 + 3 \times 7) \div (7)$$

$$(64 - 33 + 13 - 9 + 21) \div 7$$

$$(31 + 13 - 9 + 21) \div 7$$

$$(44 - 9 + 21) \div 7$$

$$(35 + 21) \div 7$$

$$56 \div 7 = \boxed{8}$$

$$\textcircled{2} (5 \times 12 \div 10 \times 7 + 31 \times 3) \div (88 \div 11 \times 3 - 75 \div 5)$$

$$(50 \div 10 \times 7 + 31 \times 3) \div (8 \times 3 - 75 \div 5)$$

$$(6 \times 7 + 31 \times 3) \div (24 - 75 \div 5)$$

$$(42 + 31 \times 3) \div (24 - 15)$$

$$(42 + 93) \div 9$$

$$135 \div 9 = \boxed{15}$$