

夏休み自主学習プリント 21回目 (解答と解説)

【解答】 (1) $-1 < -0.999 < -0.99$ (2) -8 (3) 1 (4) -81 (5) 17 (6) $2x$

(7) $\frac{-15b+20}{2}$ (8) $-8a-6$ (9) $\frac{x+8}{36}$ (10) $\frac{1}{2}x+2 \leq -8$

(1) $-1 < -0.999 < -0.99$

(2) $(-6) + (-2) = -(6+2)$
 $= -8$

(3) $-5+7-1 = 7-5-1$
 $= 7-6$
 $= 1$

(4) $-3^4 = -(3 \times 3 \times 3 \times 3) = -81$

(5) $5 \times (-3) + (-4) \times (-8) = -15 + 32 = 17$

(6) $5x - 3x = (5-3)x = 2x$

(7) $-25 \times \frac{3b-4}{10} = \frac{-25(3b-4)}{10} = \frac{-5(3b-4)}{2} = \frac{-15b+20}{2}$

(8) $8(2a-3) - 3(8a-6) = 16a - 24 - 24a + 18 = 16a - 24a - 24 + 18 = -8a - 6$

(9) $\frac{4x-1}{9} - \frac{5x-4}{12} = \frac{4(4x-1)}{36} - \frac{3(5x-4)}{36} = \frac{4(4x-1) - 3(5x-4)}{36}$
 $= \frac{16x-4-15x+12}{36} = \frac{16x-15x-4+12}{36} = \frac{x+8}{36}$

(10) $x \times \frac{1}{2} + 2 \leq -8$

すなわち $\frac{1}{2}x + 2 \leq -8$