

## 夏休み自主学習プリント 25回目 (解答と解説)

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【解答】 (1)  $(px + qy)$  km (2)  $-7$  (3)  $-1$  (4)  $-135$  (5)  $19$  (6)  $12x$

(7)  $-28m + 20$  (8)  $-2x + 59$  (9)  $\frac{11a - 1}{6}$  (10)  $5x + 3 > 2$

(1)  $p \times x + q \times y = px + qy$  より  $(px + qy)$  km

(2)  $(-7) - 0 = -7$

(3)  $-6 + 1 - 3 + 7 = 1 + 7 - 6 - 3$   
 $= 8 - 9$   
 $= -1$

(4)  $3^3 \times (-5) = 3 \times 3 \times 3 \times (-5) = -135$

(5)  $-8 - (-3) \times 9 = -8 - (-27) = -8 + 27 = 19$

(6)  $8x + 4x = (8 + 4)x = 12x$

(7)  $-64 \times \frac{7m - 5}{16} = \frac{-64(7m - 5)}{16} = -4(7m - 5) = -28m + 20$

(8)  $9(2x + 6) - 5(4x - 1) = 18x + 54 - 20x + 5 = 18x - 20x + 54 + 5 = -2x + 59$

(9)  $\frac{3a + 1}{2} + \frac{a - 2}{3} = \frac{3(3a + 1)}{6} + \frac{2(a - 2)}{6} = \frac{3(3a + 1) + 2(a - 2)}{6} = \frac{9a + 3 + 2a - 4}{6}$   
 $= \frac{9a + 2a + 3 - 4}{6} = \frac{11a - 1}{6}$

(10)  $x \times 5 + 3 > 2$

すなわち  $5x + 3 > 2$