**Карточки-задания «Координатная планета»**

(по заданным координатам точек построить в координатной плоскости объекты)

**Роза**

(6; 2), (7; 2), (7; 0), (6; -2), (5; -2), (4; -1), (3; -3), (1; -3), (0; -2), (0; 0), (-2; 0), (-3; 1), (-3; 3), (-1; 4), (-2; 5), (-2; 6), (0; 7), (2; 7), (2; 6), (0; 5), (0; 2), (2; 0), (5; 0), (6; 2), (6; 5), (4; 5), (4; 4), (5; 4), (5; 5), (5; 6), (2; 6), (1; 1), (-1; -1), (-2; -3), (-4; -4), (-6;-6), (-4;-4), (-2; -3), (-3; -1), (-3; 1), (-4; 2), (-7; 2), (-6; 1), (-4; 0), (-3; -1), (-4; 1), (-6; 2), (-3; -1), (-5; 0), (-7; -1), (-6; -4), (-5; -2), (-3; -1), (-5; -1), (-6; -2), (-6; -3), (-2; -3), (0; -4); (2; -3), (4; -4), (5; -6), (3; -6), (1; -5), (0; -4), (2; -4), (4; -5), (-6; 6).

**Поварёнок**

**1)** (4; 11), (4; 13), (2; 11), (4; 15), (6; 16), (8; 16), (10; 14), (10; 9), (9; 8), (5; 7), (5; 10), (4; 11), (3; 10), (1; 10), (2; 9), (2; 7), (5; 7), (5; 1), (4; 0), (9; -5), (9; -6), (5; -6), (5; -4), (7; -5), (9; -5), (7; -5), (9; -5), (7; -5), (9; -5), (7; -5), (1; -1), (-1; -1), (-1; -6), (-5; -6), (-5; -4), (-3; -5), (-1; -5), (-3; -5), (-3; 0), (4; 0), (0; 0), (0; 4), (4; 6), (-8; 6), (-5; 6), (-5; 4), (4; 4), (-5; 5), (-7; 6), (-5; 10), (-3; 12), (-1; 10), (-1; 6), (2; 7).

**2)** (2; 8), (3; 8).

**3)** (4; 10).

**Зонт**

(-5; -10), (-6; -10), (-8; -12), (-8; -14), (-7; -15), (-3; -14), (-2; -12), (0; -5), (1; 0), (2; 3), (3; 2), (4; -3), (6; 0), (8; -4), (8; -8), (10; -4), (11; 1), (11; 5), (9; 8), (5; 11), (6; 13), (5; 11), (-1; 12), (-8; 9), (-9; 7), (-10; 2), (-6; 5), (-4; 4), (-3; 1), (-1; 3), (2; 3).

**Котёнок**

**1)** (9,5; 8), (11; 8), (12; 8,5), (12; 11), (12,5; 13), (14; 14), (15; 13), (15; 9), (14,5; 7), (13,5; 3), (12; 1,5), (11; 1), (10; 1,5), (10; 2), (10,5; 2,5), (11; 2,5), (11; 3), (10,5; 4), (11;5).

**2)** (6; 5,5), (7; 3); (6; 2,5), (6; 1,5), (7; 1), (8,5; 1,5), (9; 2), (9; 4), (10; 3,5), (10,7; 3,5).

**3)** (7; 6), (7,5; 6,5), (9; 7), (9,5; 8,5), (10; 9), (10; 10), (6,5; 7), (2; 6), (3,5; 6), (2,5; 5,5), (3,5; 5), (4,5; 5), (7; 6).

**4)** (3,5; 6,5), (3; 7,5), (2; 8), (2; 10,5), (3; 9,5), (4; 10,5), (5; 11), (6; 11), (7; 12), (8,5; 13), (8,5; 12), (9,5; 10), (9,5; 9,5).

**Дельфин**

**1)** (-7; -2), (-3; 4), (-1; 4), (2; 7), (2; 4), (5; 4), (9; -5), (10; -9), (8; -8), (5; -10), (7; -5), (3; -2), (-7; -2).

**2)** (0; 0), (0; 2), (2; 1), (3; 0), (0; 0).

**3)** (-4; 0), (-4; 1), (-3; 1), (-3; 0), (-4; 0).

**Слон**

**1)** (-6;-1), (-5; -4), (-2; -6), (-1; -4), (0; -5), (1; -5), (3; -7), (2; -8), (0; -8), (0; -9), (3; -9), (4; -8), (4; -4), (5; -6), (8; -4), (8; 0), (6; 2), (4;1), (0; 1), (-2; 2), (-6; -1), (-10; -2), (-13; -4), (-14; -7), (-16; -9), (-13; -7), (-12; -10), (-13; -14), (-10; -14), (-10; -13), (-9; -13), (-10; -9), (-5; -9), (-5; -15), (-2; -15), (-2; -13), (-2; -10), (-1; -10), (-1; -11), (-2; -13), (0; -15), (2; -11), (2; -9).

**2)** Глаза: (0; -2), (4; -2).

**Кенгуру**

**1)** (10; 7), (11; 6), (12; 7), (12; 6), (13; 5), (14; 3), (13; 3), (12; 4), (10; 0), (9; -1), (10; -2), (8; -4), (9; -2), (7; -4), (8; -2), (6; -1), (5; -1), (2; -4), (8; -10), (6; -10), (6; -9), (1; -4), (2; -2), (1; -1), (-1; 0), (-12; -3), (-6; -1), (0; 3), (4; 4), (6; 4), (8; 3), (9; 3), (11; 5), (10; 7).

**2)** Глаз: (12,5; 5).

**Раненое (пронзённое) сердце**

Сердце: (0; 6), (-2; 6), (-3; 8), (-4; 9), (-6; 9), (-7; 8), (-8; 7), (-9; 6), (-9; 4), (-8; 2), (-6; 0), (-4; -2), (-2; -4), (0; -5), (2; -4), (4; -2), (6; 0), (8; 2), (9; 4), (9; 6), (7; 8), (6; 9), (4; 9), (3; 8), (2; 7), (0; 6).

Стрела: (-5; -6), (-5; -4), (-4,5; -4,5), (-4; -4), (-3; -3), (-2; -2), (-1; -1), (0; 0), (1; 1), (2; 2), (2; 3), (2; 1), (1; 0), (0; -1), (-1; -2), (-2; -3), (-3; -4), (-4; -5), (-3; -5,5), (-5; 6),

**Плавает мышонок на кораблике по волнам…**

**Кораблик**

(-1; 13), (-1; 10), (-1; 7), (-1; 4), (-1; 1), (-1; -2), (-1; -5), (-4; -5), (-8; -5), (-10; -5), (-8; -9), (-4; -11), (0; -11), (4; -11), (8; -9), (10; -5), (8; -5), (4; -5), (-1; -5).

**Волны**

(-9; -12), (-5; -11), (-3; -12), (-1; -11), (3; -12), (6; -11), (8; -10), (11; -12).

**Мышонок**

(-7; -5), (-8; -4), (-7; -3), (-6; -2), (-5; -2), (-5; -1), (-6; -1), (-7; 0), (-7; 1), (-6; 2), (-5; 2), (-5; 1), (-4; 1), (-3; 1), (-3; 2), (-2; 2), (-1; 1), (-1; 0), (-2; -1), (-3; -1), (-4; -2), (-5; -1), (-4; -2), (-3; -1), (-3; -2), (-2; 2), (-1; -3), (-1; -4), (-2; -3), (-2; -4), (-6; -5), (-7; -4), (-6; -3), (-6; -4), (-6; -5).

Глаза мышонка: (-5; 0), (-3; 0).

Нос мышонка: (-4; -1).

**Котик**

**1)** (-6; 4), (-9; 7), (-9; 15), (-7; 13), (-3; 13), (-1; 15), (-1; 7), (-4; 4).

**2)** (-6; 4), (-6; 3), (-5; 3), (-5; 4), (-7; 4), (-9; 5), (-9; 1), (-8; 2), (-6; 3), (-5; 3), (-3; 2), (-2; 1), (-2; 5), (-4; 4), (-5; 4).

**3)** (-6; 3), (-7; 2), (-7; -7), (-3; -7), (-3; -3), (4; -3), (4; -7), (8; -7), (8; 11), (6; 10), (4; 8), (4; 4), (-2; 4).

**4)** (-6; -7), (-6; -8), (-3; -8), (-3; -7), (5; -7), (5; -8), (8; -8), (8; -7).

**5)** (-7; 8), (-5; 8), (-7; 10), (-7; 8).

**6)** (-4; 8), (-2; 8), (-2; 10), (4; -8).

**7)** (-7; 11), (-5; 10), (-4; 10), (-2; 11).

**8)** (-5; 7), (-4; 7), (-4,5; 6), (-5; 7).

**9)** (-6; 6), (-3; 6), (-4; 5), (-5; 5), (-6; 6).

**Мельница**

**1)** (-12; 15), (-10; 17), (-1; 8), (1; 8), (3; 10), (2; 11), (9; 18), (11; 16), (1; 6), (5; 2), (6; 3), (13; -4), (11; -6), (1; 4), (4; -11), (5; -11), (5; -18), (-5; -18), (-5; -11), (-4; -11), (-1; 4), (-3; 2), (-2; 1), (-9; -6), (-11; -4), (-1; 6), (-4; 9), (-5; 8), (-12; 15).

**2)** (-4; -18), (-4; -14), (-1; -14), (-1; -18).

**3)** (0; -16), (0; -14), (4; - 14), (4; -16), (0; -16).

**Дракон**

**1)** (12; 5), (7; 5), (10; 2), (6; 4), (5; 5), (3; 4), (3; 3), (4; 2), (5; 2), (4;1), (5; 0), (4; 0), (4; -1), (3; 0), (2; 0), (3; 1), (2; 2), (0; -1), (-5; -4), (-3; -4), (-2; -3), (-2; -4), (-1; -4), (-2; -5), (-1; -6), (-3; -6), (-2; -7), (-4; -6), (-5; -6), (-4; -8), (2; -12), (3; -14), (4; -16), (4; -20), (2; -21), (0; -22), (-2; -22), (-4; -20), (-4; -17), (-3; -15), (-2; -14), (-4; -13), (-8; -12), (-10; -11), (-11; -9), (-12; -6), (-12; -4), (-14; -2), (-13; -2), (-14; -1), (-13; -1), (-13; 0), (-12; -1), (-12; 0), (-11; -1), (-11; -2), (-6; 4), (-13; 1), (-11; 5), (-14; 5), (-9; 9), (-14; 10), (-10; 12), (-13; 14), (-13; 15), (-15; 16), (-12; 18), (-8; 18), (-7; 17), (-6; 16), (-6; 14), (-5,5; 12), (-5; 11), (-4; 10), (0; 11), (3; 9), (4; 8), (5; 8), (4; 9), (3; 11), (4; 10), (4; 12), (5; 10), (5; 12), (6; 10), (6; 12), (7; 10), (8; 9), (9; 7), (10; 6,5), (10; 7), (11; 7), (11; 6), (12; 5), (11,5; 4,5), (11; 5), (10,5; 4,5), (10; 5), (9,5; 4,5), (9; 5), (8,5; 4,5), (8; 5).

**2)** (-2; -14), (1; -15), (2; -16), (2; -18), (1; -19), (-1; -20), (-2; -19), (-2; -17), (0; -15).

**3)** (3; -14), (4; -13), (6; -14), (9; -18), (11; -19), (13; -19), (15; -18), (16; -16), (16; -13), (14; -10), (10; -7), (3; -4), (6; -6), (10; -8), (14; -11), (15; -13), (15; -16), (13; -18), (12; -18), (10; -17), (9; -16), (8; -14), (6; -12), (4; -11), (2; -12).

**4)** (-7; 17), (-6; 18), (-4; 17), (-2; 14), (-1; 11).

**5)** (8,5; 7), (7; 7), (7; 8), (8,5; 7), (7,9; 7,2).

**6)** (10,5; 6).

**7)** (2; 17), (3; 17), (3; 16), (2; 16), (2; 15), (3; 15).

**8)** (4; 15), (4; 17), (5; 17), (5; 15), (4; 15).

**9)** (6; 15), (6; 17), (7; 17), (7; 15).

**Рыба**

(3; 3), (0; 3), (-3; 2), (-5; 2), (-7; 4), (-8; 3), (-7; 1), (-8; -1), (-7; -2), (-5; 0), (-1; -2), (0; -4), (2; -4), (3; -2), (5; -2), (7; 0), (5; 2), (3; 3), (2; 4), (-3; 4), (-4; 2).

Глаз: (5; 0).

**Девочка**

(16; 21), (13; 21), (4; 12), (1; 12), (1; 13), (2; 13), (2; 16), (1; 18), (-4; 18), (-6; 17), (-6; 15), (-1; 12), (-5; 9), (-9; 9), (-13; 7), (-17; 7), (-18; 6), (-18; 3), (-17; 3), (-17; 5), (-16; 5), (-16; 4), (-15; 4), (-15; 5), (-12; 6), (-8; 6), (-8; 3), (-4; 7), (-2; 7), (1; 5), (1; 1), (-4; 1), (-6; -3), (-5; -6), (-9; -8), (-19; -22), (-19; -24), (-16; -24), (-16; -22), (-7; -10), (-3; -8), (4; -8), (5; -17), (1; -22), (1; -25), (3; -24), (8; -17), (8; -8), (14; -6), (14; -4), (12; 0), (6; 1), (6; 8), (9; 8), (9; 13), (13; 18), (15; 18), (15; 19), (14; 19), (14; 20), (16; 20), (16; 21).

**Заяц (кролик)**

**1)**  (-5; 1), (-6; 3), (-6; 6), (-3; 8), (-1; 10), (2; 11), (3; 10), (3; 9), (6; 10), (7; 9), (7; 7), (4; 4), (4; 1), (2; -1), (2; -4), (5; -4), (6; -7), (5; -8), (1; -10), (1; -12), (-4; -12), (-7; -9), (-7; -7), (-6; -6), (-4; -7), (-4; -5), (-6; -4), (-6; -2), (-4; -2), (-3; -1), (-5; 0), (-5;1).

Глаз: (-3; 4), (-2; 4), (-2,5; 3), (-3; 4).

**Мухомор**

**1)** (-7; 0), (-3; 9), (-1; 11), (1; 11), (3; 9), (7; 0), (5; 0), (1; 3), (-1; 3), (-5; 0), (-7; 0).

**2)** (1; -9), (2; -8), (2; 1), (1; 3), (-1; 3), (-2; 1), (-2; -8), (-1; -9), (1; -9).

**3)** (-2; -1), (-3; -2), (-2; -2), (-1; -3), (0; -2), (1; -3), (2; -2), (3; -2), (2; -1), (-2; 6), (-2; 7), (-1; 7), (-1; 6).

**4)** (3; 2), (3; 3), (4; 3), (4; 2).

**5)** (0; 8), (0; 9), (1; 9), (1; 8).

**6)** (-5; 2), (-5; 3), (-4; 3), (-4; 2), (0; 4), (0; 5), (1; 5), (1;4).

**Верблюд**

**1)** (-10; -2), (-11; -3), (-10,5; -5), (-11; -7), (-12; -10), (-11; -13), (-13; -13), (-13,5; -7,5), (-13; -7), (-12,5; -5), (-13; -3), (-14; -1), (-14; -4), (-15; -6), (-15; -3), (-14; 2), (-11; 4), (-10; 8), (-8; 9), (-6; 8), (-5; 5), (-3; 8), (-1; 9), (0; 8), (0,5; 6), (0,5; 4), (3; 2,5), (4; 3), (5; 4), (6; 6), (8; 7), (9,5; 7), (10; 6), (11,5; 5,5), (12; 5), (12; 4,5), (11; 5), (12; 4), (11; 4), (10; 3,5), (10,5; 1,5), (10; 0), (6; -3), (2; -5), (1; -7), (1,5; -11), (2; -12), (1; -13), (0; -5), (-0,5; -11), (0; -13), (-1,5; -13), (-1,5; -7), (-2; -5), (-3; -4), (-5; -4,5), (-7; 4,5), (-9; -5), (-10; -6), (-9; -12), (-8,5; -13), (-10; -13), (-10,5; -10), (-10; -9,5), (-11; -7).

**2)** Глаз: (8,5; 5,5).

**Бабочка**

(0,5; -2), (6,5; 6), (0; 5,5), (1; 7), (-1; 7,5), (-3; 7), (-6,5; -4), (0,5; 5,5), (4; -5), (4,5; 7), (1; 7), (0; 5,5), (-1; 7), (-4,5; 7), (-4: -5), (0,5; -2), (6,5; -4), (3; 7), (0,5; 7), (-1; 7), (0; 5), (-6,5; 6), (-0,5; -2), (7,5; -1), (0,5; 2,5), (0,5; 7,5), (-0,5; 7), (-0,5; 5), (-7,5; 3), (-0,5; 5,5), (7,5; 3), (0,5; 5), (1; 7,5), (-0,5; 7,5), (-0,5; 2,5), (-7,5; 1), (0; -6).