

1. Evaluate:

Example: $a. 7 + (-2) = 5$

$a. 18 - (-5); \quad b. -21 - (-20); \quad c. 46 - (-6); \quad d. -30 - (-30);$

$e. 15 - (-20); \quad f. -50 - (-5); \quad g. 23 - (-28); \quad h. -31 - (-62);$

2. Fill the table:

a	20	-15	30	-10	-7
b	7	8	-9	-6	9
$a - b$					
$b - a$					

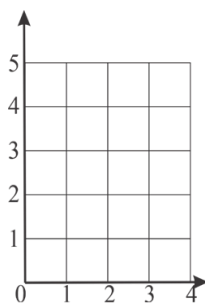
3. In your notebook, on the number line mark the points which absolute value is

$a. |3|; \quad b. |5|; \quad c. |7|; \quad d. |0|.$

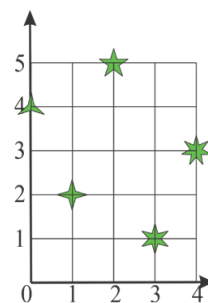
4. Draw the pictures in your notebook.

Draw stars with corresponding coordinates:

Write coordinates of the stars:



 (3,0)
 (1,3)
 (3,4)
 (2,1)
 (4,5)

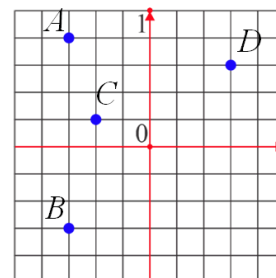
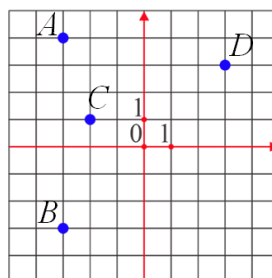








5. Find coordinates of points A, B, C, D in two different coordinate systems:



6. Evaluate (answer is 4):

$$\left(4\frac{7}{9} - 2\frac{5}{6}\right) : 1\frac{5}{9} + \frac{4}{9} \cdot 6\frac{3}{16}$$

7. Which sign (+, −, ·, ÷) should be placed instead of * to make the following equalities true statements.

$$a. \frac{7}{8} * 1\frac{1}{7} = 1 \quad b. 2 * 1\frac{1}{3} = \frac{2}{3}; \quad c. \frac{3}{7} * \frac{4}{7} = \frac{3}{4}; \quad d. \frac{3}{10} * \frac{5}{6} = \frac{1}{4};$$

8. Evaluate by the most convenient way:

Example:

$$\begin{aligned} 29 \cdot 25 + 15 \cdot 6 + 19 \cdot 15 &= 29 \cdot 25 + 15 \cdot (6 + 19) = 29 \cdot 25 + 15 \cdot 25 = 25 \cdot (29 + 15) \\ &= 25 \cdot 44 = 25 \cdot 4 \cdot 11 = 100 \cdot 11 = 1100 \end{aligned}$$

$$a. 12 \cdot 17 + 35 \cdot 13 + 17 \cdot 23;$$

$$b. 41 \cdot 80 - 25 \cdot 41 + 55 \cdot 29;$$

$$c. 26 \cdot 18 + 26 \cdot 17 + 14 \cdot 35$$